

THE UNITED REPUBLIC OF TANZANIA



MINISTRY OF HEALTH, COMMUNITY DEVELOPMENT, GENDER,  
ELDERLY AND CHILDREN

# **Curriculum for Ordinary Diploma (NTA Level 6) in Nursing and Midwifery**

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## **FOREWORD**

The Ministry of Health Community Development, Gender, Elderly and Children (MoHCDGEC) has committed itself to provide comprehensive and accessible quality health services for all Tanzanians in line with Health Policy 2007, The Tanzania Development Vision 2025 and the Sustainable Development Goals (SDGs) 2030.

The review of the Ordinary Diploma in Nursing and Midwifery curriculum is one of the strategies of ensuring quality health services in line with the Human Resource for Health and Social Welfare Strategic Plan 2014-2019 and Health Sector Strategic Plan 2015-2020 (HSSP IV).

Nursing training has undergone dramatic change in response to societal, institutional and individual needs. Other influences are advancement in technology nursing science, effects of globalization as well as free market.

The challenges of today in nursing profession includes among others, the preparation of nurses and midwives of the future. The provision of quality nursing training to learners is the key to nursing education. If nursing training is to have a positive and a significant impact, its curricula must focus on acquisition of appropriate knowledge, skills and attitudes.

This curriculum has taken into consideration the knowledge, skills and attitudes that meet the current societal, institutional and individual needs. Generally the curriculum has taken care of the identified gaps during the situational analysis and stakeholders' meetings as well as challenges which were noted in the implementation of the previous curriculum.

It is the MoHCDGEC's hope that this curriculum will enable the student to acquire the necessary competences needed at this level for the provision of quality health services. It is also anticipated that the stakeholders will find this curriculum useful.

Dr. Mpoki M.Ulisubisya

**PERMANENT SECRETARY (HEALTH)**

## **ACKNOWLEDGEMENT**

The review of the Ordinary Diploma in Nursing and Midwifery curriculum had involved different stakeholders. The MoHCDGEC appreciates the contributions of the curriculum development experts, educationalists, tutors/teachers, representatives from health training institutions, various hospitals, universities, and professional bodies. Their participation and inputs in meetings and workshops of reviewing this curriculum have been valuable. It is the commitment of these experts that has made this product possible. The MoHCDGEC extends its sincere gratitude to the development partners; American International Health Alliance /Tanzania Nursing Initiative (AIHA/TNI), International Training and Education Centre for Health (I-TECH), Amref Health Africa, Child Birth International (CBI), Engender Health, Johns Hopkins Programme for International Education in Gynaecology and Obstetrics (JHPIEGO) and HelpAge International (HAI) for their financial support.

Sincere appreciation goes to the Nursing and Midwifery Training Section officers for tireless coordination of the entire process of this curriculum review. Also I would like to thank the Curriculum development experts from National Council for Technical Education (NACTE) and facilitators for their technical support throughout the process of reviewing the Ordinary Diploma in Nursing and Midwifery curriculum.

Furthermore, I would like to express my special thanks to representatives from the society, graduates, employers, trainers, professional boards including Tanzania Nursing and Midwifery Council (TNMC), Pharmacy Council of Tanzania (PCT), Health Laboratory Practitioners Council (HLPC), professional associations including Tanzania Midwives Association (TAMA) and Tanzania National Nurses Association (TANNA), Medical Association of Tanzania (MAT), Paediatric Association of Tanzania (PAT), and Private Nurses and Midwives Association of Tanzania (PRINMAT) their contributions during situational analysis process provided valuable information that shaped the curriculum to address competences practiced by nurses at work place.

The MoHCDGEC is indebted to Hubert Kairuki Memorial University (HKMU) and Muhimbili University of Health and Allied Sciences (MUHAS) for their libraries services. I wish to thank all curriculum implementers (tutors) who contributed wide wealth knowledge, skills and experiences in this curriculum review, without which the completion of this activity would have been difficult.

The list of those who contributed to this great job is appended. Therefore, on behalf of the MoHCDGEC I wish to take this opportunity to thank everyone who participated in one way or another in completing this curriculum.

Dr Otilia F. Gowelle

**DIRECTOR OF HUMAN RESOURCES DEVELOPMENT**

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## ABBREVIATIONS

AD-NT	Assistant Director, Nursing Training
AIDS	Acquired Immune Deficiency Syndrome
AIHA	American International Health Alliance
CA	Continuous Assessment
CBET	Competency-Based Education and Training
CBI	Child Birth International
CD-CE	Coordinator, Continuing Education
CD-NT	Coordinator, Nursing Training
DACUM	Develop a Curriculum
DVD	Digital Video Disc
GPA	Grade Point Average
HAI	HelpAge International
HKMU	Hubert Kairuki Memorial University
HLPC	Health Laboratory Practitioners Council
HSSP	Health Sector Strategic Plan
ICT	Information Communication Technology
I-TECH	International Training and Education Centre for Health
JHPIEGO	Johns Hopkins Programme for International Education in Gynaecology and Obstetrics
LCD	Liquid Crystal Display
MoHCDGEC	Ministry of Health, Community Development, Gender, Elderly and Children
MoHSW	Ministry of Health and Social Welfare
MUHAS	Muhimbili University of Health and Allied Sciences
NACTE	National Council for Technical Education
NMT	Nursing and Midwifery Technician
NSEGPE	National Strategy for Economic Growth and Poverty Elimination
NTA	National Technical Award
PAT	Paediatric Association of Tanzania
PCT	Pharmacy Council of Tanzania
PHC	Primary Health Care
PRINMAT	Private Nurses and Midwives Association of Tanzania
SDGs	Sustainable Development Goals
TAMA	Tanzania Midwives Associations
TANNA	Tanzania National Nurses Association
TB	Tuberculosis
TNI	Tanzania Nursing Initiative
TNMC	Tanzania Nurses and Midwives Council
TV	Television
UNICEF	United Nations Children Education Fund
VCD	Video Compact Disc
VCR	Video Cassette Recorder
WHO	World Health Organization

## **EXECUTIVE SUMMARY**

Since 2008 the Ministry of Health, Community Development, Gender, Elderly and Children adapted Competency Based Education and Training (CBET) system for nursing and midwifery training. The Nursing and Midwifery Curricula that has been in use were due for review based on stakeholder's inputs and views about the current nursing and midwifery practice in the country as well as responding to NACTE's requirements of reviewing the curriculum after five (5) years of use.

Since inception of CBET for nursing and midwifery training in the country, many changes and developments have happened including knowledge and technological advancements, population increase, emerging and reemerging of diseases, and changes in labour market. These changes and developments necessitated the review of training curricula for Nurses and Midwives in Tanzania.

The purpose of this reviewed curriculum is to address the knowledge and skills gap; and go in line with technological advancements in order to enable the graduates to be responsive to the current needs of the society and meet the demands of the labour market.

Entry into this program is open to candidates who successfully completed Technician certificate (NTA level 5) in nursing and midwifery.

This curriculum is built on modular system. Learning outcomes are stated in three levels which include Principal learning outcomes (broad/ exit outcomes), Enabling outcomes and Sub-enabling outcomes. Sub enabling outcomes constitutes the modules. Within the period of one year, there are two semesters in which a learner completes a total of 120 credits. Teaching and learning process involves student centred and problem solving approaches which includes classroom sessions, skill laboratory practices and clinical practices utilizing different teaching and learning aids; in which all these are tied with student's assessment for acquisition of the respective competences.

Therefore, this curriculum has addressed most issues and concerns relevant to this level which emerged from training institutions, society, employers, and graduates. To effectively implement this curriculum, it is recommended that tutors be adequately oriented in order to enable them to implement the curriculum as intended.



## **PART I: BACKGROUND INFORMATION**

### **1.0 INTRODUCTION**

The Ministry of Health, Community Development, Gender, Elderly and Children in its efforts to strengthen nursing training in Tanzania developed competency based curricula under the guidance of NACTE, which started to be implemented in 2008. The first students under these curricula graduated in 2010.

The review of the Ordinary Diploma in Nursing and Midwifery curriculum aimed at producing high quality products and responding to ever changing needs of the community as well as to global technological innovations. Also, it aimed at addressing challenges observed during the implementation of the previous curriculum and those experienced by trainees particularly the graduates.

The curriculum review was conducted following NACTE guidelines involving document review, conducting situation analysis, as well as developing learning outcomes/competencies, identifying assessment criteria, benchmarking and establishing learning modules.

### **2.0 PROGRAMME RATIONALE AND PHILOSOPHY**

#### **2.1 Programme Rationale**

The human resource for health strategic plan of Ministry of Health and Social Welfare (MoHSW) 2014-2019 stipulates that a total number of health facilities in the country in 2013 was 6,876 according to the new staffing levels guidelines (2014). The health facilities in question included 5,913 dispensaries, 711 Health centres, 219 district hospitals, 25 regional referral hospitals and 8 national, zonal and specialized hospitals. The minimum number of health workers required to provide quality health services in these facilities was 145,454. The actual number of health workers available at that particular time was 63,447 and the shortage was 82,007, which is about 56.38%. In the same year number of nurses and midwives in the country was 20,800. Also, there is a great challenge of rapidly aging work force which will exacerbate the crisis.

Despite the existing network of primary health facilities, accessibility to health care services and the availability of quality healthcare are still inadequate. The Maternal and Child Mortality rates are quite high standing at 450 per 100,000 live births and 58 per 1,000 live births respectively (UNICEF, 2012). Thus the Government intends to increase the number of trained health care workers and to improve the accessibility to be less than five kilometres to health facility. As the number of trained health care workers increase and distance to health facility reduced, mortalities among women in reproductive age and children will be reduced. On the same context, the country will be able to cope with a high burden of diseases such as malaria, HIV/AIDS, TB and Leprosy, malnutrition and micronutrient deficiencies, child illnesses, accidents and non-communicable diseases.

The main objective of the National Health Policy is to improve the health and well-being of all Tanzanians, with a focus on those most at risk, and to encourage the health system to be

more responsive to the needs of the people. This objective cannot be achieved without having appropriately trained nurses and midwives and other health care workers. According to WHO's World Health Report 2006, health workers are crucial for producing good health through the performance of health systems as they constitute a significant share of the labour force and perform key social roles in all societies.

Tanzania Vision 2025, National Strategy for Economic Growth and Poverty Elimination (NSEGPE), Health for All, Primary Health Care (PHC) and Sustainable Development Goals (SDGs) are not achievable without an appropriately prepared and deployed health workforce. Training of health workers is crucial for achieving equity-oriented national health goals.

Nursing like many other professions is affected by the rapid changes currently taking place in the society, science and technology. It is also shaped by changing demography, epidemiology, health systems and consumer preference in the labour market. Strategic planning actions should focus on investing in people, especially pre-service education to promote quality care and equity by correcting nursing and midwifery skill imbalances and in-service training to enhance the performance of the health workers.

In this regard the Ordinary Diploma in Nursing and Midwifery curriculum cannot remain static; it must be responsive to changes in nursing and midwifery practice due to changing technology, the demands of the society and should address the gaps observed in the previous curriculum.

The curriculum has been reviewed in line with the above considerations, which provides for a creation of a life-long learning culture, leading to acquisition of more knowledge, skills and wider understanding in nursing and midwifery practice.

Therefore, the rationale for this programme is to produce nurses and midwives who will be more responsive to the dynamic needs and demands of the society.

## **2.2 Programme Philosophy**

Philosophy describes set of values and beliefs that guide all learning experiences of the curriculum. It is the basic foundation that directs all further planning, organization, implementation and evaluation of the curriculum. This programme is geared towards producing innovative, creative and flexible nurses and midwives who will cope with the dynamic changes of the profession, technology and socio-economic needs.

Nursing is an art and science of caring, and therefore, nurses believe that:

- The enjoyment of the highest attainable standards of health and nursing care is the fundamental right of the human being irrespective of gender, sex, age, race, religion, socio-cultural differences, political affiliation, economic or social background;
- The practice of nursing is humanitarian in nature and requires knowledge, skills and attitudes in respect of compassion, respect and empathy, ethical and legal consideration in the provision of care;
- Environment influences individuals, families and community at large. Therefore, a nurse must acknowledge the different interaction patterns in the environment and the impact of interaction to health and illness;
- Education is a continuous process that embraces new technology and community demands and therefore a nurse shall keep abreast with current health development to render quality cost-effective services;

- The learner is a unique individual with past experiences and needs, which should be respected. The learner has the responsibility for own learning and self-development through active participation; and
- Teamwork spirit is a key to effective results. Training institutions shall maintain collaboration between team players.

It is therefore, expected that the graduates from this level will have aspirations to pursue higher qualifications in nursing profession and translates their beliefs into practice.

### **3.0 VISION AND MISSION OF TRAINING PROGRAMME**

#### **3.1 Vision**

To have competent nurses and midwives who will provide nursing and midwifery care effectively at different health care settings and cope with existing and emerging health issues.

#### **3.2 Mission**

To establish conducive and sustainable training environment that will allow students and graduates to perform competently and aspire for attainment of higher knowledge, skills and attitudes in promoting health, preventing diseases and caring for the sick as well as rehabilitating the debilitated individuals in all settings.

### **4.0 PROGRAMME GOAL**

The goal of this programme is to improve the overall quality of health care delivery through competently trained nurses and midwives who are confident, dynamic, well informed, with moral integrity and able to work flexibly in different contexts in meeting the demands of the society.

#### **4.1 Programme Objectives**

The objectives of this program are to:

- i. Enrol learners with desirable entry qualifications into the programme
- ii. Engage qualified and competent trainers in the facilitation of students learning.
- iii. Distribute adequate and appropriate resources for enabling the teaching and learning process
- iv. Create conducive environment for teaching and learning in schools, clinical and community settings
- v. Monitor teaching and learning processes in schools, clinical and community settings
- vi. Evaluate students' acquisition of knowledge, skills and attitude in schools, clinical and community settings
- vii. Create strategies for formative and summative programme evaluation
- viii. Produce competent Nurses and Midwives who will provide quality health care in Tanzania

### **5.0 ADMISSION REQUIREMENTS**

#### **5.1 Minimum Requirement:**

The course is open to candidates who have successfully completed Technician certificate (NTA level 5) in nursing and midwifery.

## **6.0 PROGRAMME STRUCTURE**

### **6.1 Overall Structure**

This programme is comprised of 10 core and two fundamental modules spread over a period of two semesters. Each semester shall have 15 instructional weeks and two weeks for examinations.

### **6.2 Modules of the Programme**

The modules broadly represent the main areas of activity in nursing and midwifery training. These modules are taught in such a way to ensure that students gain an appreciation of the nature and complexities of real life in provision of health services. In order to achieve an integration of these modules there will be considerable use of various teaching and learning methods mentioned in section 7.0 of Part I in this curriculum. The modules for the Ordinary Diploma in Nursing and Midwifery curriculum are classified as fundamental and core modules.

#### **6.2.1 Fundamental Modules**

Fundamental modules provide a range of skills, knowledge and principles appropriate to a Diploma in Nursing and Midwifery graduate while contributing to the effective study of the main theme of the programme. The fundamental modules provide a viable foundation for further studies and lifelong learning. In this curriculum the fundamental modules are: Basics of Epidemiology and Biostatistics, and Fundamentals of Research.

#### **6.2.2 Core Modules**

The core modules provide the development of the main theme of the programme. They broadly represent the main areas of activity in nursing and midwifery areas. These modules are taught together with fundamental modules so as to ensure that students gain an appreciation of the nature and complexities of real life in health service delivery. In order to achieve an integration of these modules there will be considerable use of integrative clinical practice, lectures, assignment and case studies. In this curriculum the core modules are: Care of a Woman with Abnormal Pregnancy, Labour and Puerperium; Care of a Woman with Obstetric Emergency conditions; Care of Newborns with Abnormal Conditions; Supervision in Nursing and Midwifery Practice; Care of Patients with Medical Conditions; Care of Patients with Tumors and Cancer; Care of Patients with Surgical Conditions; Care of Patients with Reproductive Surgical Conditions; and Mental Health Nursing.

### **6.3 Module Coding**

The system of coding has adopted a combination of letters and numbers, which have specific meaning. For example Supervision in Nursing and Midwifery Practice module is coded as **NMT 06104** where:

**NM** - Represents the name of the programme “Nursing and Midwifery”

**T** – Represents the qualification at the respective level “Technician”

**06** - Represents the respective NTA Level “NTA Level 6”

**1** - Represents the semester in which the module is conducted “Semester I”

**04** - Represents the serial number to which a particular module is assigned in the respective programme “Module Four”

#### 6.4 The Distribution of Modules in the Semester

The Distribution of Modules in the Semester is as indicated in Table 1 and 2.

**Table 1: Module Details for Semester I**

<b>Code</b>	<b>Module Title</b>	<b>Classification</b>	<b>Module Credits</b>
NMT 06101	Care of a Woman with Abnormal Pregnancy, Labour and Puerperium	Core	19
NMT 06102	Care of a Woman with Obstetric Emergency Conditions	Core	6
NMT 06103	Care of Newborns with Abnormal Conditions	Core	5
NMT 06104	Supervision in Nursing and Midwifery Practice	Core	12
NMT 06105	Basics of Epidemiology and Biostatistics	Fundamental	6
NMT 06106	Fundamentals of Research	Fundamental	9
<b>Total Credits</b>			<b>57</b>

**Table 2: Module Details for Semester II**

<b>Code</b>	<b>Module Title</b>	<b>Classification</b>	<b>Module Credits</b>
NMT 06207	Care of Patients with Medical Conditions	Core	20
NMT 06208	Care of Patients with Tumors and Cancer	Core	4
NMT 06209	Care of Patients with Surgical Conditions	Core	14
NMT 06210	Care of Patients with Reproductive Surgical Conditions	Core	5
NMT 06211	Mental Health Nursing	Core	20
<b>Total Credits</b>			<b>63</b>

## 6.5 Scheme of Study

The scheme of study for semesters is as indicated in table 3 and 4.

**Table 3: Scheme of Study for Semester I**

Code	Module title	Hours per week						
		Lecture	Tutorial	Practical		Assign ment	Research project	Module credits
				Skill Lab.	Clinical			
NMT 06101	Care of a Woman with Abnormal Pregnancy, Labour and Puerperium	3	1	2.5	5	1	-	<b>19</b>
NMT 06102	Care of a Woman with Obstetric Emergency conditions	1	-	1	1.5	0.5	-	<b>6</b>
NMT 06103	Care of Newborns with Abnormal Conditions	1	-	0.5	1	0.5	-	<b>5</b>
NMT 06104	Supervision in Nursing and Midwifery Practice	2	1	-	4	1	-	<b>12</b>
NMT 06105	Basics of Epidemiology and Biostatistics	2	1	-	-	1	-	<b>6</b>
NMT 06106	Fundamentals of Research	2	1	-	-	-	3	<b>9</b>
<b>Total Credits</b>								<b>57</b>

Total hours per week = 38

**Table 4: Scheme of Study for Semester II**

Code	Module title	Hours per week					
		Lecture	Tutorial	Skill Lab.	Clinical	Assignment	Module credits
NMT 06207	Care of Patients with Medical Conditions	3	2	-	6	2	<b>20</b>
NMT 06208	Care of Patients with Tumors and Cancer	1	-	-	2	0.5	<b>4</b>
NMT 06209	Care of Patients with Surgical Conditions	2	1	1	4	1	<b>14</b>
NMT 06210	Care of Patients with Reproductive Surgical Conditions	1	-	-	1.5	0.5	<b>5</b>
NMT 06211	Mental Health Nursing	3	2	-	6	2	<b>20</b>
<b>Total Credits</b>							<b>63</b>

Total hours per week = 42

## 6.6 Summary of the Modules

**Tables 5: Summary of Modules of the Programme**

Module Code	Module Name	Semester I	Semester II
NMT 06101	Care of a Woman with Abnormal Pregnancy, Labour and Puerperium		
NMT 06102	Care of a Woman with Obstetric Emergency Conditions		
NMT 06103	Care of Newborns with Abnormal Conditions		
NMT 06104	Supervision in Nursing and Midwifery Practice		
NMT 06105	Basics of Epidemiology and Biostatistics		
NMT 06106	Fundamentals of Research		
NMT 06207	Care of Patients with Medical Conditions		
NMT 06208	Care of Patients with Tumours and Cancer		
NMT 06209	Care of Patients with Surgical Conditions		
NMT 06210	Care of Patients with Reproductive Surgical Conditions		
NMT 06211	Mental Health Nursing		

## 7.0 METHODS OF STUDY

### 7.1 Teaching Methods

The programme utilises a broad range of study methods and approaches. These include lectures, lecture discussion, tutorials, assignments, demonstration, skills laboratory practice, study tours, case study, role plays, group discussion, field visits, project, simulation, gallery walk, coaching, clinical conference and supervised practice.

### 7.2 Teaching Aids

Television (TV) set, Digital Versatile Disc (DVD), Video Compact Disc (VCD), Video Cassette Recorder (VCR), Camera, Projectors, Charts and Models, Textbooks, Reference Books, Computers, Boards, Flip charts, Markers and various equipment and Mannequins in skills laboratory and demonstration rooms.

## 8.0 ASSESSMENT

### 8.1 Objective of Assessment

The objective of assessment is to set a comprehensive system of measuring the achievement of the learning outcomes. It provides a yardstick for which the expected outcomes and benchmarking items are evaluated.

## **8.2 Principles of Assessment**

Assessment will:

- (i) Reflect the aims and objectives of the overall scheme, and the learning outcomes of the module.
- (ii) Be designed to assist student learning, in particular their development as self-directed learners and the acquisition of key skills.
- (iii) Be varied, to facilitate motivation and in recognition of the need to adopt approaches, which enable students to demonstrate that they have fulfilled learning objectives.
- (iv) Reflect progression through studying modules and semesters, with increasingly more complex methods being associated with higher order skills.

## **8.3 Assessment Components**

### **8.3.1 Continuous Assessment (CA)**

The intention of continuous assessment is to measure the theoretical ability and practical performance of students. There will be different methods of conducting continuous assessment depending on the nature of the module. The continuous assessment component shall carry a weight of 40 %.

### **8.3.2 End of Semester Examinations (SE)**

End of Semester Examination shall comprise a written examination and a practical examination. The written examination for each module shall comprise of one paper divided into five sections to be conducted for duration not exceeding three hours but not less than two hours. Practical examination shall be conducted within a period of one hour, whereby 40 minutes will cover practical and 20 minutes will be for oral examination and evaluation. The semester examination component shall carry a weight of 60%.

## **8.4 Assessment Methods**

### **8.4.1 Written Examinations**

The written examinations are intended to measure the theoretical ability of learner and evaluate their performance. These examinations will be conducted for not less than two and half hours duration. The examinations shall be supervised and marked by trainers of the training institutions as per regulatory authority accepted procedures and standards.

### **8.4.2 Clinical/Practical Examinations**

The practical/clinical examinations are intended to measure students' skills in performing various tasks. The practical examinations will be conducted in skills laboratory and clinical area. Students will be exposed to simulated situations in skills laboratory during Objective Structured Practical Examinations (OSPE) or actual settings (health facility) to perform tasks under observation. There will be a minimum of two practical/clinical examinations per each completed module during the semester. Institutions may provide the required assessment instruments and decide upon the number of practical/clinical area attachment for a given module in a semester.



### **8.4.3 Assignments**

The aim of assignments is to reinforce the learning process by involving the participation of the students in finding the solution to a given question or problem which require decision-making. They include tasks given to students apart from written tests and examinations for example case study so as to enhance self-development. Assignments may be administered in a form of written work or practical exercises that are done individually or in a group. The required number of assignments and assessment instruments in a semester will be indicated under each module.

### **8.4.4 Practical Procedure/Experience Book**

Practical procedure /experience books will be used to assess student's acquisition of clinical competencies. These books include record of Practical Instructions and Experience Book, Midwifery Practical Procedure Book and Delivery Register Book. These practical experience books will be used during continuous assessment and as eligibility criteria for end of semester examinations.

### **8.4.5 Competence Test**

The intention of competence tests is to measure the practical capability of learners through actual doing of a particular task or skill. Competence tests should better be carried at the end of module because it combines the different knowledge and skills required to perform a given activity and will be monitored and assessed through the use of record of practical instructions and experience books.

### **8.4.6 Research**

The candidate shall be required to perform an action research during the first semester. Each candidate will be required to submit the proposal and report for assessment. Research proposal and report will be assessed using a standardized assessment tools. The proposal score shall contribute in continuous assessment and the report score in end of semester examination.

## **8.5 Criteria for Benchmarking**

Benchmarking is a means of determining the learner's achievement based on the statements of criteria that indicate what the learner is expected to do in order to demonstrate that has successfully realized the sub-enabling outcomes.

The statements are formulated basing on the tasks the learner is expected to perform to realize the respective outcome. In this curriculum, benchmarks comprise of performance statement indicating the criteria for measuring learner's ability at satisfactory, good, and excellent levels.

This curriculum comprises examples of benchmarks of the selected few competencies. It is expected that the module facilitators are going to use the examples given to develop the benchmarks for each learning outcome of the respective module and use them during assessment of learners.

## **9.0 MANAGEMENT OF ASSESSMENT**

The management of assessment and its mode of conduct for Training Institution shall be those approved by the regulatory bodies. The Examination committee shall be responsible to ensure that the end of semester examinations are conducted according to established procedures, guidelines and regulations. Students shall be oriented on assessment procedures for each module at the beginning of the semester.

## **10.0 EXAMINATIONS REGULATIONS**

The examination regulations include:

- a) End of semester examination results must be released within three weeks from date of completion of exams.
- b) Each module taught in a semester will be examined separately at the end of semester.
- c) A learner will be eligible for the end of semester examination if has successfully passed continuous assessments for each module.
- d) A learner who fails to attain 50% of continuous assessment for each module shall not be allowed to sit for end of semester examination.
- e) A learner who did not sit for the end of semester examination for any module due to acceptable reason(s), shall have to do the examination for that module before progressing towards next semester.
- f) A learner who attains GPA of 2.0 or above should be allowed to supplement the failed module not later than four weeks after release of results.
- g) A learner who fails end of semester examination with GPA less than 2.0 should be discontinued from the programme.
- h) A learner who fails two supplementary examinations for any module shall be discontinued from studies.
- i) A learner who falls seriously sick just before or during end of semester examinations or is hospitalised will be allowed to sit the examinations when condition has stabilized; when next offered.
- j) A learner who feels unable to attempt end of semester examination for any module for genuine reason, should present his/her case in writing four weeks before the date of end of semester examination to the Examination Committee of an institution for consideration.
- k) A learner will be deemed to have passed the end of semester examination if has achieved a minimum of 50% of the set marks for both theory and practical examination for each module.

## **11.0 GRADING SYSTEM**

All assessed work shall be graded according to the following grading system which specifies range of score for different grades, grade points and their definitions as shown in Table 6.

**Table 6: The Range of Scores for Different Grades; Grade points and Definitions**

Score Range	Grade	Grade Points	Definition
75 – 100	A	5	Excellent
70 – 74	B+	4	Very Good
60 – 69	B	3	Good
50 – 59	C	2	Satisfactory
0 – 49	D	1	Below Average
0 – 39	F	0	Failure
-	I		Incomplete
-	Q		Disqualification

### 11.1 Computation of Grade Point Average (GPA)

Grade Point Average (GPA) refers to a system of judging student's performance. It is computed from marks achieved by students in each module by combining results of Continuous Assessment (CA) and end of Semester Examinations (SE).

- (a) A cumulative grade point average (cum GPA) for each candidate shall be computed using the following formula:

$$\text{Cumulative GPA} = \frac{\text{Sum of } (P \times N)}{\text{Sum of } N}$$

Where P represents a grade point assigned to a letter grade scored by the student in a module and N represents the number of credits associated with the module

- (b) The Grade Point Average (GPA) shall be computed and truncated to single decimal point.

### 11.2 Classification of Awards

The computed Grade Point Average (GPA) shall be classified as shown in Table 7

**Table 7: Class of Award and Cumulative GPA**

Class of Award	Cumulative GPA
First Class	4.4 – 5.0
Second Upper Class	3.5 – 4.3
Second Lower Class	2.7 – 3.4
Pass	2.0 – 2.6
Failure	0.0 – 1.9

An award shall be given to candidates who satisfy the following criteria:

- Has successfully completed all modules for the NTA Level 6 award
- Has achieved a minimum Grade Point Average (GPA) of 2.0

## **PART II: CURRICULUM DETAILS**

### **1.0 TITLE OF THE QUALIFICATION**

Ordinary Diploma in Nursing and Midwifery

### **2.0 PURPOSE OF THE QUALIFICATION**

This qualification is intended for a person who will apply knowledge, principles and standards of nursing and midwifery science in providing evidence based midwifery, medical, surgical and mental health care as well as supportive supervision in a health facility and community settings.

### **3.0 NTA LEVEL**

NTA Level 6

### **4.0 COMPETENCY LEVEL DESCRIPTOR**

The holder of this qualification will be able to apply knowledge and skills in a broad range of work activities, most of which are non-routine.

### **5.0 MINIMUM CREDITS**

The minimum credits at this level      120

### **6.0 MAXIMUM CREDITS**

The total credits at this level              120

### **7.0 ENTRY REQUIREMENTS**

A candidate who has successfully completed all modules for NTA level 5

### **8.0 DATE OF CURRICULUM REVIEW:**

July, 2017

## 9.0 PRINCIPAL LEARNING OUTCOMES, CREDIT VALUES AND ASSESSMENT CRITERIA

Principal Learning Outcomes	Credit Values	Assessment Criteria
1. Apply supervisory knowledge and skills in the provision of nursing and midwifery services	10	<ul style="list-style-type: none"> <li>a) Planning of nursing care is conducted according to standards</li> <li>b) Duties are allocated according to guidelines and protocols</li> <li>c) Orientation of new employees is conducted according to supervisory skills</li> <li>d) Nursing activities are facilitated according to quality improvement standards</li> <li>e) Departmental/unit nursing activities are coordinated according to standards</li> <li>f) Monitoring and evaluation of unit activities is conducted according to standards</li> <li>g) Conflict are resolved according to conflict resolution strategies</li> <li>h) Team work is maintained according to protocols and guidelines</li> <li>i) Collaboration with other department is maintained according to protocol</li> </ul>
2. Apply knowledge and skills of midwifery in the provision of care to women with abnormal pregnancy, labour, puerperium including newborns	30	<ul style="list-style-type: none"> <li>a) Abnormal pregnancy is diagnosed according to midwifery standards, guidelines and protocols</li> <li>b) Abnormal labour is diagnosed according to midwifery guidelines and protocols</li> <li>c) Monitoring of progress of abnormal labour is performed by utilizing standard tools</li> <li>d) Abnormal delivery is conducted according to midwifery guidelines and standards</li> <li>e) Abnormal puerperium conditions are managed according to midwifery standards and protocols</li> <li>f) Timely referral is made to a woman with complicated conditions according to protocols and standards</li> <li>g) Abnormalities of newborns are managed according to midwifery standards and guidelines</li> <li>h) Timely referral is made to newborns with complicated conditions according to guidelines and standards</li> </ul>

<b>Principal Learning Outcomes</b>	<b>Credit Values</b>	<b>Assessment Criteria</b>
3. Apply knowledge of epidemiology, biostatistics and research in nursing and midwifery practice	<b>15</b>	<ul style="list-style-type: none"> <li>a) Knowledge of epidemiology is applied during nursing and midwifery practice</li> <li>b) Knowledge of biostatistics is applied during nursing and midwifery practice</li> <li>c) Action research is conducted according to principles of research</li> <li>d) Action research findings are utilized in providing evidence based nursing and midwifery care</li> </ul>
4. Apply knowledge and skills of medical nursing in providing care to patients with medical conditions	<b>25</b>	<ul style="list-style-type: none"> <li>j) Medical conditions are diagnosed according to standards</li> <li>k) Medical conditions are managed according to standards</li> <li>l) Medical conditions are monitored according to standards</li> <li>m) Complicated medical conditions are referred according to standards</li> </ul>
5. Apply knowledge and skills of surgical nursing in providing care to patients with surgical conditions	<b>20</b>	<ul style="list-style-type: none"> <li>a) Surgical conditions are diagnosed according to standards</li> <li>b) Surgical conditions are managed according to standards</li> <li>c) Surgical conditions are monitored according to standards</li> <li>d) Complicated surgical conditions are referred according to standards</li> </ul>
6. Apply knowledge and skills of mental health nursing in providing care to patients with mental illness	<b>20</b>	<ul style="list-style-type: none"> <li>a) Conditions of mental disorders are diagnosed according to guidelines and protocols</li> <li>b) Conditions of mental disorders are managed according to standards</li> <li>c) Conditions of mental disorders are monitored according to standards</li> <li>d) Complicated conditions of mental disorders are referred according to guidelines and standards</li> </ul>
<b>Total Credit</b>	<b>120</b>	

## 10.0 PRINCIPAL LEARNING OUTCOMES AND ENABLING OUTCOMES

Principal Outcomes	Enabling Outcomes
1. Apply supervisory knowledge and skills in the provision of nursing and midwifery services	1.1 Utilize knowledge and skills of supportive supervision in the provision of nursing and midwifery services
	1.2 Implement supervisory functions in the facilitation of nursing and midwifery activities
	1.3 Utilize interpersonal skills in the supervision of nursing and midwifery services
2. Apply knowledge and skills of midwifery in provision of care to a woman with abnormal pregnancy, labour, puerperium including newborn	2.1. Utilize guidelines, standards and protocols of midwifery in the provision of care to a woman with abnormal pregnancy
	2.2. Utilize standards and protocols of midwifery in the provision of care to a woman with abnormal labour
	2.3. Utilize guidelines and standards of midwifery in the provision of care to women with foetal mal-presentation, malposition and multiple pregnancy
	2.4. Employ principles and standards of obstetric emergency in the provision of care to a pregnant woman with obstetric emergency
	2.5. Utilize guidelines and standards of midwifery in the provision of care to a woman with abnormal puerperium
	2.6. Utilize protocols and standards of midwifery in the provision of care to a newborn with birth injuries
	2.7. Utilize guidelines and standards of midwifery in the provision of care to a newborn with high risk conditions
	2.8. Utilize guidelines and protocols of midwifery in the provision of care to a newborn with congenital abnormalities and disorders
3. Apply knowledge of epidemiology, biostatistics and research in nursing and midwifery practice	3.1. Apply knowledge of epidemiology in nursing and midwifery practice
	3.2. Utilize knowledge of biostatistics in the interpretation of data
	3.3. Utilize knowledge of research to obtain evidence based information
4. Apply knowledge and skills of medical nursing in the provision of care to patients with medical conditions	4.1. Utilize knowledge and skills of medical nursing in the provision of care to a patient with conditions affecting respiratory system
	4.2. Utilize knowledge and skills of medical nursing in the provision of care to a patient with conditions affecting cardiovascular system
	4.3. Utilize knowledge and skills of medical nursing in the provision of care to a patient with conditions affecting musculoskeletal system
	4.4. Utilize knowledge and skills of medical nursing in the provision of care to a patient with conditions affecting the digestive system

Principal Outcomes	Enabling Outcomes
	4.5. Utilize knowledge and skills of medical nursing in the provision of care to a patient with conditions affecting the genital urinary system
	4.6. Utilize knowledge and skills of medical nursing in the provision of care to patients with disorders of nervous and endocrine systems
	4.7. Utilize knowledge and skills of medical nursing in the provision of care to a patient with oncological conditions
	4.8. Utilize knowledge and skills of medical nursing in the provision of care to a patient with conditions affecting the eye
5 Apply knowledge and skills of surgical nursing in the provision of care to patients with surgical conditions	5.1. Utilize knowledge and skills of surgical nursing in the provision of care to a patient with conditions affecting respiratory system
	5.2. Utilize knowledge and skills of surgical nursing in the provision of care to a patient with conditions affecting musculoskeletal system
	5.3. Utilize knowledge and skills of surgical nursing in the provision of care to a patient with conditions affecting digestive system
	5.4. Utilize knowledge and skills of surgical nursing in the provision of care to a patient with conditions affecting genital urinary system
	5.5. Utilize knowledge and skills of surgical nursing in the provision of care to a patient with conditions affecting nervous and endocrine system
	5.6. Utilize knowledge and skills of surgical nursing in the provision of care to a patient with conditions affecting reproductive system
6 Apply knowledge and skills of mental health nursing in the provision of care to patients with mental illness	6.1 Apply principles of mental health nursing in the provision of nursing care to a patient with mental illness
	6.2 Utilize guidelines and standards of mental health nursing in the provision of therapies to a patient with mental illness
	6.3 Utilize guidelines and protocols of mental health nursing in the provision of nursing care to a client with mental disorder/illness



## 11.0 ENABLING OUTCOMES AND SUBENABLING OUTCOMES

ENABLING OUTCOMES		SUB-ENABLING OUTCOMES	
1.1	Utilize knowledge and skills of supportive supervision in the provision of nursing and midwifery services	1.1.1.	Describe concepts of supervision in the context of nursing and midwifery practice
		1.1.2.	Conduct supportive supervision according to guidelines
		1.1.3.	Conduct orientation to newly employed nurses and midwives by utilizing knowledge and skills of supportive supervision
		1.1.4.	Mentor staff and students at work place by utilizing knowledge and skills of supportive supervision
		1.1.5.	Facilitate availability and accessibility of health policies and guidelines for nursing and midwifery practice
1.2	Implement supervisory functions in the facilitation of nursing and midwifery activities	1.2.1	Prepare duty roster, annual leave, job allocation and schedules according to guidelines and protocols
		1.2.2	Prepare a budget for the department or facility by using guidelines and protocols
		1.2.3	Allocate/relocate resources (human and non-human, equipment and supplies) by using guidelines and protocols
		1.2.4	Utilize quality improvement standards in the provision of quality nursing care at work place
		1.2.5	Coordinate departmental/unit nursing and midwifery activities according to standards
		1.2.6	Monitor nursing and midwifery services according to guidelines and protocols
1.3	Utilize interpersonal skills in the supervision of nursing and midwifery services	1.3.1	Motivate staff according to guidelines and interpersonal skills
		1.3.2	Provide counselling on staff performance by using guidelines
		1.3.3	Solve disputes or conflicts among staff and between staff and clients by using conflict resolution strategies
		1.3.4	Take disciplinary actions to staff according to disciplinary guidelines and regulations
		1.3.5	Appraise staff performance according to standards
		1.3.6	Build a working team according to interpersonal skills and guidelines
2.1.	Utilize guidelines, standards and protocols of midwifery in the provision of care to a woman with abnormal pregnancy	2.1.1	Provide care to a pregnant woman with bleeding conditions due to abortion, ectopic pregnancy and hydatidiform mole according to standards
		2.1.2	Provide care to a pregnant woman with antepartum Haemorrhage (placenta praevia and abruption) according to guidelines and protocols
		2.1.3	Provide care to a pregnant woman with Urinary Tract Infections (UTIs) and syphilis according to protocols and guidelines

ENABLING OUTCOMES	SUB-ENABLING OUTCOMES
	<p>2.1.4 Provide care to a pregnant woman with anaemia, cardiac diseases and diabetes mellitus according to standards and protocols</p> <p>2.1.5 Provide care to a pregnant woman with Pulmonary Tuberculosis (PTB) and malaria according to protocols and guidelines</p> <p>2.1.6 Provide care to a pregnant woman with disorders of amniotic fluid according to guidelines and standards</p> <p>2.1.7 Provide care to a pregnant woman with hypertensive disorders of pregnancy according to guidelines and standards</p> <p>2.1.8 Provide care to a pregnant woman with hyperemesis gravidarum according to standards and guidelines</p>
<p>2.2. Utilize standards and protocols of midwifery in the provision of care to a woman with abnormal labour</p>	<p>2.2.1 Provide care to a woman with abnormal uterine action according to standards and guidelines</p> <p>2.2.2 Provide care to a woman with prolonged labour according to standards and guidelines</p> <p>2.2.3 Provide care to a woman with obstructed labour according to standards and protocols</p> <p>2.2.4 Provide care to a woman with precipitate labour according to standards</p> <p>2.2.5 Conduct vacuum extraction delivery according to standards and guidelines</p> <p>2.2.6 Provide care to a woman undergoing caesarean section according to standards and protocols</p> <p>2.2.7 Provide care to a woman during induction, augmentation and trial of labour according to standards and guidelines</p> <p>2.2.8 Provide care to a woman with preterm labour and premature rupture of membranes according to standards</p>
<p>2.3. Utilize guidelines and standards of midwifery in the provision of care to women with foetal mal-presentation, malposition and multiple pregnancy</p>	<p>2.3.1 Provide care to a woman with breech presentation according to standards</p> <p>2.3.2 Provide care to a woman with face presentation according to standards</p> <p>2.3.3 Provide care to a woman with brow presentation according to standards</p> <p>2.3.4 Provide care to a woman with shoulder presentation according to standards</p> <p>2.3.5 Provide care to a woman with unstable lie and compound presentation according to standards</p> <p>2.3.6 Provide care to a woman with occipital posterior position according to standards</p> <p>2.3.7 Provide care to a woman with multiple pregnancy according to standards</p>

ENABLING OUTCOMES	SUB-ENABLING OUTCOMES
2.4. Employ principles and standards of obstetric emergency in the provision of care to a pregnant woman with obstetric emergency	2.4.1 Describe concepts of obstetric emergency in relation to midwifery practice
	2.4.2 Provide care to a woman in labour with cord presentation and prolapse according to guidelines and standards
	2.4.3 Provide care to a woman with amniotic fluid embolism and Disseminated Intravascular Coagulopathy (DIC) according to guidelines and standards
	2.4.4 Provide care to a woman with ruptured uterus according to guidelines and protocols
	2.4.5 Provide care to a woman in labour with shoulder dystocia according guidelines and standards
	2.4.6 Provide care to a woman with acute inversion of the uterus according to guidelines and protocols
	2.4.7 Provide care to a woman with Post-Partum Haemorrhage (PPH) according to guidelines and protocols
	2.4.8 Provide care to a woman with obstetric shock according to guidelines and protocols
2.5. Utilize guidelines and standards of midwifery in the provision of care to a woman with abnormal puerperium	2.5.1 Provide care to a woman with puerperal sepsis according to standards and guidelines
	2.5.2 Provide care to a woman with puerperal psychosis according to guidelines and protocols
	2.5.3 Provide care to a woman with breast infections according to guidelines and protocols
	2.5.4 Provide care to a woman with sub-involution of uterus according to guidelines and protocols
	2.5.5 Provide care to a woman with venous thrombosis according to guidelines and protocols
	2.5.6 Provide care to a woman with urine incontinence according to guidelines and protocols
2.6. Utilize protocols and standards of midwifery in the provision of care to a newborn with birth injuries	2.6.1 Provide care to a newborn with soft tissue injuries according to standards
	2.6.2 Provide care to a newborn with haemorrhage according to standards and protocols
	2.6.3 Provide care to a newborn with fractures and dislocations according to standards
2.7. Utilize guidelines and standards of midwifery in the provision of care to a newborn with high risk conditions	2.7.1 Provide care to a preterm baby according to guidelines and protocols
	2.7.2 Provide care to a newborn with birth asphyxia according to guidelines and standards
	2.7.3 Provide care to small for gestation age baby according guidelines and standards
2.8. Utilize guidelines and protocols of midwifery in	2.8.1 Provide care to a newborn with gastrointestinal malformations according to guidelines and protocols

ENABLING OUTCOMES	SUB-ENABLING OUTCOMES
the provision of care to a newborn with congenital abnormalities and disorders	2.8.2 Provide care to a newborn with central nervous system disorders according to standards
	2.8.3 Provide care to a newborn with musculoskeletal malformations according to standards
	2.8.4 Provide care to a newborn with uro-genital abnormalities according to standards
	2.8.5 Provide care to a newborn with genetic disorders according to standards
	2.8.6 Provide care to a newborn with haemolytic disorders according to standards
	2.8.7 Provide care to a newborn with metabolic disorders according to guidelines and standards
	2.8.8 Provide care to newborn with infections according to guidelines and standards
3.1 Apply knowledge of epidemiology in nursing and midwifery practice	3.1.1 Describe ecology of disease and models of disease causation in the context of nursing and midwifery practice
	3.1.2 Describe natural history of disease and levels of prevention in nursing and midwifery practice
	3.1.3 Describe principles of disease transmission in nursing and midwifery practice
	3.1.4 Describe strategies of disease control in nursing and midwifery practice
	3.1.5 Explain sources and uses of morbidity and mortality data in nursing and midwifery practice
	3.1.6 Describe epidemiological studies as applied to nursing and midwifery practice
	3.1.7 Explain concepts of testing and screening in nursing and midwifery practice
3.2 Utilize knowledge of biostatistics in the interpretation of data	3.2.1 Explain concepts of biostatistics, population and samples
	3.2.2 Describe different types of data and data presentation
	3.2.3 Calculate measures of central tendencies and dispersion by using knowledge of biostatistics
	3.2.4 Describe levels of measurements by using knowledge of biostatistics
3.3 Utilize knowledge of research to obtain evidence based information	3.3.1 Describe basic concepts of action research in nursing and midwifery practice
	3.3.2 Develop research proposal by applying knowledge of research
	3.3.3 Collect data for a research study by using knowledge of research
	3.3.4 Process research data by using statistical package
	3.3.5 Produce research report by using knowledge of research

ENABLING OUTCOMES		SUB-ENABLING OUTCOMES	
4.1	Utilize knowledge and skills of medical nursing in the provision of care to a patient with conditions affecting respiratory system	4.1.1	Provide nursing care to a patient with bronchitis according to standards
		4.1.2	Provide nursing care to a patient with pleurisy according to standards
		4.1.3	Provide nursing care to a patient with pleural effusion according to standards
		4.1.4	Provide nursing care to a patient with adenitis according to standards
4.2	Utilize knowledge and skills of medical nursing in the provision of care to a patient with conditions affecting cardiovascular system	4.2.1	Provide nursing care to a patient with rheumatic heart disease according to standards
		4.2.2	Provide nursing care to a patient with Congestive Cardiac Failure (CCF) according to standards
		4.2.3	Provide nursing care to a patient with phlebitis according to standards
		4.2.4	Provide nursing care to a patient with pericarditis, myocarditis and endocarditis according to standards
		4.2.5	Provide nursing care to a patient with angina pectoris and myocardial infarction according to standards
		4.2.6	Provide nursing care to a patient with arteriosclerosis and atherosclerosis according to standards
		4.2.7	Provide nursing care to a patient with bleeding disorders according to standards
		4.2.8	Provide nursing care to a patient with hypertension according to standards
4.3	Utilize knowledge and skills of medical nursing in the provision of care to a patient with conditions affecting musculoskeletal system	4.3.1	Provide nursing care to a patient with osteomyelitis according to standards
		4.3.2	Provide nursing care to a patient with osteoarthritis according to standards
		4.3.3	Provide nursing care to a patient with rheumatoid arthritis according to standards
		4.3.4	Provide nursing care to a patient with gout according to standards
		4.3.5	Provide nursing care to a patient with gangrene according to standards
		4.3.6	Provide nursing care to a patient with myositis and pyomyositis according to standards
4.4	Utilize knowledge and skills of medical nursing in the provision of care to a patient with conditions affecting the digestive system	4.4.1	Provide nursing care to a patient with hepatitis according to standards
		4.4.2	Provide nursing care to a patient with liver cirrhosis according to standards
		4.4.3	Provide nursing care to a patient with liver abscess according to standards

ENABLING OUTCOMES	SUB-ENABLING OUTCOMES
	4.4.4 Provide nursing care to a patient with cholecystitis according to standards
	4.4.5 Provide nursing care to a patient with cholelithiasis according to standards
	4.4.6 Provide nursing care to a patient with hepatic coma according to standards
4.5 Utilize knowledge and skills of medical nursing in the provision of care to patients with conditions affecting the genital urinary system	4.5.1 Provide nursing care to a patient with renal failure according to standards
	4.5.2 Provide nursing care to a patient with glomerulonephritis according to standards
	4.5.3 Provide nursing care to a patient with hydronephrosis and urolithiasis according to standards
	4.5.4 Provide nursing care to a patient with enlarged prostate gland according to standards
	4.5.5 Provide nursing care to a patient with hydrocele according to standards
	4.5.6 Provide nursing care to a patient with epididymo-orchitis according to standards
4.6 Utilize knowledge and skills of medical nursing in the provision of care to a patient with disorders of nervous and endocrine systems	4.6.1 Provide nursing care to a patient with hyperthyroidism and hypothyroidism according to standards
	4.6.2 Provide nursing care to a patient with pancreatitis according to standards
	4.6.3 Provide nursing care to a patient with Cushing syndrome according to standards
	4.6.4 Provide nursing care to a patient with encephalitis according to standards
	4.6.5 Provide nursing care to a patient with Cerebral Vascular Accident (CVA) according to guidelines
	4.6.6 Provide nursing care to a patient with paralysis according to standards
	4.6.7 Provide nursing care to a patient with brain abscess according to standards
4.7 Utilize knowledge and skills of medical nursing in the provision of care to a patient with oncological conditions	4.7.1 Describe basic concepts of oncology in relation to nursing care
	4.7.2 Provide nursing care to a patient with cancer of the lung according to standards
	4.7.3 Provide nursing care to a patient with cancer of the oesophagus and stomach according to standards
	4.7.4 Provide nursing care to a patient with leukaemia according to standards
	4.7.5 Provide nursing care to a patient with carcinoma of prostate gland according to standards

ENABLING OUTCOMES	SUB-ENABLING OUTCOMES
	4.7.6 Provide nursing care to a patient with cancer of the cervix, breast and uterus according to standards
	4.7.7 Provide nursing care to a patient with lymphoma according to standards
	4.7.8 Provide nursing care to a patient with brain tumour according to standards
4.8 Utilize knowledge and skills of medical nursing in the provision of care to a patient with conditions affecting the eye	4.8.1 Conduct basic assessment of the eye and vision to a client with eye problems according to standards
	4.8.2 Provide nursing care to a patient with eye degenerative changes according to standards
	4.8.3 Provide nursing care to a patient with eye refractive errors according to standards
5.1 Utilize knowledge and skills of surgical nursing in the provision of care to a patient with conditions affecting respiratory system	5.1.1 Provide surgical nursing care to a patient with lung abscess according to standards
	5.1.2 Provide surgical nursing care to a patient with chest injury according to standards
	5.1.3 Provide nursing care to a patient with pneumonectomy according to standards
	5.1.4 Provide nursing care to a patient with atelectasis and under water seal chest drainage according to standards
	5.1.5 Provide nursing care to a patient with thoracic surgery according to standards
	5.1.6 Provide nursing care to a patient with lobectomy according to standards
5.2 Utilize knowledge and skills of surgical nursing in the provision of care to a patient with conditions affecting musculoskeletal system	5.2.1 Provide nursing care to a patient with traction and splints according to standards
	5.2.2 Provide nursing care to a patient with amputation according to standards
	5.2.3 Provide nursing care to a patient with external and internal fixation according to standards
5.3 Utilize knowledge and skills of surgical nursing in the provision of care to a patient with conditions affecting digestive system	5.3.1 Provide surgical nursing care to a patient with intestinal obstruction according to standards
	5.3.2 Provide nursing care to a patient with hernia according to standards
	5.3.3 Provide surgical nursing care to a patient with peritonitis according to standards
	5.3.4 Provide surgical nursing care to a patient with ulcerative colitis according to standards
	5.3.5 Provide surgical nursing care to a patient with haemorrhoids according to standards
	5.3.6 Provide surgical nursing care to a patient with anal abscess and fissure according to standards

ENABLING OUTCOMES		SUB-ENABLING OUTCOMES	
		5.3.7	Provide nursing care to a patient undergoing gastrectomy and vagotomy according to standards
		5.3.8	Provide nursing care to a patient undergoing cholecystectomy and choledochotomy according to standards
5.4	Apply knowledge and skills of surgical nursing in the provision of care to a patient with conditions affecting genital urinary system	5.4.1	Provide nursing care to a patient undergoing nephrectomy according to standards
		5.4.2	Provide nursing care to a patient undergoing nephrostomy according to standards
		5.4.3	Provide nursing care to a patient undergoing cystectomy according to standards
		5.4.4	Provide nursing care to a patient undergoing cystotomy according to standards
		5.4.5	Provide nursing care to a patient undergoing kidney transplantation according to standards
		5.4.6	Provide nursing care to a patient undergoing peritoneal dialysis and haemodialysis according to standards
		5.4.7	Perform male circumcision according to standards
5.5	Utilize knowledge and skills of surgical nursing in the provision of care to a patient with conditions affecting nervous and endocrine system	5.5.1	Provide nursing care to a patient undergoing craniotomy according to standards
		5.5.2	Provide nursing care to a patient undergoing craniostomy according to standards
		5.5.3	Provide nursing care to a patient undergoing laminectomy according to standards
		5.5.4	Provide nursing care to a patient undergoing thyroidectomy according to standards
		5.5.5	Provide nursing care to a patient with head injury according to standards
5.6	Utilize knowledge and skills of surgical nursing in the provision of care to a patient with conditions affecting reproductive system	5.6.1	Provide nursing care to a patient undergoing myomectomy according to standards
		5.6.2	Provide nursing care to a patient undergoing hysterectomy according to standards
		5.6.3	Provide nursing care to a patient undergoing oophorectomy according to standards
		5.6.4	Provide nursing care to a patient undergoing mastectomy according to standards
		5.6.5	Provide nursing care to a patient undergoing repair of the cervix, Vesico Vaginal Fistula (VVF) and Recto Vaginal Fistula (RVF) according to standards
		5.6.6	Provide nursing care to a patient undergoing hydrocelectomy according to standards
		5.6.7	Provide nursing care to a patient undergoing prostatectomy according to standards



ENABLING OUTCOMES		SUB-ENABLING OUTCOMES	
6.1	Apply principles of mental health nursing in the provision of nursing care to a patient with mental illness	6.1.1	Describe concepts of personality development in relation to mental health
		6.1.2	Describe psychobiological concepts in relation to the practice of mental health nursing
		6.1.3	Describe legal issues related to mental health nursing in the provision of nursing care to mentally ill patient
		6.1.4	Describe cultural and spiritual issues in caring a patient with mental illness
6.2	Utilize guidelines and standards of mental health nursing in the provision of therapies to a patient with mental illness	6.2.1	Provide psychological therapies to a patient with mental illness according to guidelines
		6.2.2	Provide psychosocial therapies to patient with mental disorders according to guidelines and protocols
		6.2.3	Provide physical therapies to patients with mental disorders according to standards
		6.2.4	Provide pharmacotherapy to patients with mental disorders according to standards
6.3	Utilize guidelines and protocols of mental health nursing in the provision of nursing care to a client with mental disorder/illness	6.3.1	Provide care to patients with personality disorders according to standards
		6.3.2	Provide nursing care to patients with dissociative and somatoform disorders according to standards
		6.3.3	Provide nursing care to patients with mood disorders according to standards
		6.3.4	Provide nursing care to patients with psychotic disorders according to standards
		6.3.5	Provide care to patients with cognitive disorders according to standards
		6.3.6	Provide care to special group with mental illness according to guidelines and standards
		6.3.7	Provide rehabilitative and domiciliary care to a patient with mental illness
		6.3.8	Provide care to patients with psychiatric emergencies according to standards and guidelines

## 12.0 ASSESSMENT CRITERIA AND BENCHMARKS

### 12.1 SUBENABLING OUTCOMES, RELATED TASKS, ASSESSMENT CRITERIA, ASSESSMENT METHODS AND ASSESSMENT INSTRUMENT

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
1.1.1 Describe concepts of supervision in the context of nursing and midwifery practice	a) Define supervision and supervisor	1.1.1.1 Concepts of supervision in nursing and midwifery practice are correctly described	Written test	Question paper; Marking scheme
	b) Explain the qualities of a supervisor			
	c) Differentiate between supervisor, leader and manager		Assignment	Assignment guide
	d) Outline roles of a supervisor		Oral questioning.	Checklist
	e) Outline importance of supervision			
	f) Explain principles of supervision			
1.1.2 Conduct supportive supervision according to guidelines	a) Define supportive supervision	1.1.2.1 Supportive supervision is correctly explained	Written test	Question paper; Marking scheme
	b) Outline importance of supportive supervision		Assignment	Assignment guide
	c) Explain stages of supportive supervision			
	d) Identify tools for supportive supervision		Oral questioning.	Checklist
	e) Develop supportive supervision plan	1.1.2.2 Supportive supervision is correctly conducted	Observation of performance	Checklist
	f) Provide technical support			
	g) Conduct on-job training			
	h) Write supportive supervision report			
1.1.3 Conduct orientation to newly employed nurses and midwives by utilizing knowledge	a) Define the term orientation	1.1.3.1 Concepts of orientation are correctly explained	Written test	Question paper; Marking scheme
	b) Outline the purpose of orientation			
	c) Explain steps of staff orientation		Assignment	Assignment guide
	d) Explain key areas for orientation		Oral questioning.	Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
and skills of supportive supervision	e) Orient newly employed nurses on job description, policy, guidelines and regulations, organizational structure, safety measures and personnel benefits	1.1.3.2. Orientation to newly employed nurses and midwives are correctly conducted	Observation of performance	Checklist
1.1.4 Mentor staff and students at work place by utilizing knowledge and skills of supportive supervision	a) Define a mentor, preceptor and a coach	1.1.4.1 Concepts of mentorship are properly explained	Written test	Question paper; Marking scheme
	b) Outline roles of a mentor			
	c) Outline the qualities of a mentor		Assignment	Assignment guide
	d) Explain principles of mentorship			
	e) Outline the advantages of mentorship		Oral questioning.	Checklist
	f) Explain the process of mentoring			
	g) Guide staff and students at work place	1.1.4.2 Staff and students are properly mentored	Observation of performance	Checklist
1.1.5 Facilitate availability and accessibility of health policies and guidelines for nursing and midwifery practice	a) Define policy and guideline	1.1.5.1 Policies and guidelines for nursing practice are correctly explained	Written test	Question paper; Marking scheme
	b) Explain the types of policy			
	c) Outline the importance of health policy and guidelines		Assignment	Assignment guide
	d) Explain strategies of health policy			
	e) Identify health policies and guidelines related to nursing and midwifery practice	1.1.5.2 Availability and accessibility of policies and guidelines is properly facilitated	Oral questioning.	Checklist
	f) Keep the health policy and guideline documents safe and available			
	g) Share the information on health policies and guidelines with other staff			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
1.2.1 Prepare duty roster, annual leave, job allocation and schedules according to guidelines and protocols	a) Define duty roster, annual leave, job allocation and schedules	1.2.1.1 Duty roster, annual leave, schedule and job allocation are correctly described	Written test	Question paper; Marking scheme
	b) Explain the purpose of duty roster, job allocation, leave roster and schedules		Assignment	Assignment guide
	c) Identify factors to consider in planning duty roster job allocation, leave roster and schedules		Oral questioning.	Checklist
	d) Outline steps of preparing duty roster job allocation, leave roster and schedules			
	e) Outline components of duty roster, job allocation, leave roster and schedules			
	f) Demonstrate ability in preparing duty roster, job allocation, leave roster and schedules	1.2.1.2 Duty roster, job allocation, leave roster and schedules are properly prepared	Observation of performances	Checklist
1.2.2 Prepare a budget for the department or facility by using guidelines and protocols	a) Define budget	1.2.2.1 Concepts of budget preparation are correctly explained	Written test	Question paper; Marking scheme
	b) Outline types of budget			
	c) Explain the purpose of budgeting		Assignment	Assignment guide
	d) Explain steps in budgetary process		Oral questioning.	Checklist
	e) Explain methods of budgeting			
	f) Budget for the department activities	1.2.2.2 Budget for the department is well prepared	Observation of performance	Checklist
1.2.3 Allocate/rel ocate resources (human and non-human, equipment and	a) Define human and non-human resources	1.2.3.1 Concepts of human and non-human resources are correctly explained	Written test	Question paper; Marking scheme
	b) Explain categories of human and non-human resources			
	c) Explain the importance of human and non-human resources		Assignment	Assignment guide

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
supplies) by using guidelines and protocols			Oral questioning.	Checklist
	d) Allocate staff according to demand and job descriptions	1.2.3.2 Human and non-human resources are properly allocated/relocated	Observation of performances	Checklist
	e) Prepare staff attendance register books			
	f) Keep inventory of the department/unit			
	g) Receive and issue supplies and equipment			
1.2.4 Utilize quality improvement standards in the provision of quality nursing care at work place	a) Define quality, quality control, quality assurance and quality improvement	1.2.4.1 Concepts of quality improvement standards are correctly described	Written test	Question paper; Marking scheme
	b) Explain indicators of quality improvement		Assignment	Assignment guide
	c) Explain the basic steps in quality control			
	d) Describe control standards		Oral questioning.	Checklist
	e) Describe the basic concepts of quality improvement			
	f) Explain concept of 5S (Sort, Set, Shine, Standardize, Sustain)			
	g) Describe the steps for 5S implementation			
	h) Develop quality improvement tools	1.2.4.2 Quality improvement standards are correctly utilized	Observation of performances	Checklist
	i) Check performance using QI tools			
1.2.5 Coordinate departmental/unit nursing and midwifery activities according to standards	a) Define coordination	1.2.5.1 Concepts of coordination are well explained	Written test	Question paper; Marking scheme
	b) Explain importance of coordination		Assignment	Assignment guide
	c) Explain principles of coordination			
	d) Prepare monthly/ quarterly and annual reports	1.2.5.2 Departmental/unit nursing activities are	Oral questioning.	Checklist
	e) Conduct departmental meetings		Observation of performance	Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	f) Attend the health committee meetings at different levels	properly coordinated		
	g) Link nurses with other members of the health care team			
1.2.6 Monitor nursing and midwifery services according to guidelines and protocols	a) Define monitoring	1.2.6.1 Concepts of monitoring are correctly described	Written test	Question paper; Marking scheme
	b) Explain the purpose of monitoring		Assignment	Assignment guide
	c) Describe the process of monitoring			
	d) Outline methods and tools for monitoring nursing activities		Oral questioning.	Checklist
	e) Develop a monitoring plan	1.2.6.2 Nursing services are properly monitored	Observation of performance	Checklist
	f) Observe staff performance			
	g) Review nursing care records			
	h) Check status of supplies and equipment			
	i) Identify gaps in service delivery			
	j) Develop plan of action			
1.3.1 Motivate staff according to guidelines and interpersonal skills	a) Define motivation	1.3.1.1 Concepts of motivation are correctly explained	Written test	Question paper; Marking scheme
	b) Describe motivation theories		Assignment	Assignment guide
	c) Explain types of motivation			
	d) Outline motivating factors at work place		Oral questioning.	Checklist
	e) Outline strategies to create motivating climate			
	f) Give feedback to staff	1.3.1.2 Staff are motivated at work place	Observation of performance	Checklist
	g) Reward staff performance			
1.3.2 Provide counselling on staff performance by using guidelines	a) Define performance, counselling	1.3.2.1 Concepts of counselling are correctly explained	Written test	Question paper; Marking scheme
	b) Explain steps of staff performance counselling		Assignment	Assignment
	c) Outline principles of staff performance counselling			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	d) Outline importance of staff performance counselling		Oral questioning	guide Checklist
	e) Counsel staff on performance	1.3.2.2 Counselling on staff performance is properly provided	Observation of performance	Checklist
1.3.3 Solve disputes or conflicts among staff and between staff and clients by using conflict resolution strategies	a) Define conflict and disputes	1.3.3.1 Concepts of conflict and disputes are correctly described	Written test	Question paper; Marking scheme
	b) Outline the categories of conflicts		Assignment	Assignment guide
	c) State the sources of conflicts			
	d) Explain conflict process			
	e) Describe strategies for conflict resolution		Oral questioning.	Checklist
	f) Resolve disputes or conflicts at work place	1.3.3.2 Conflicts or disputes are resolved	Observation of performance	Checklist
1.3.4 Take disciplinary actions to staff according to disciplinary guidelines and regulations	a) Define discipline and disciplinary action	1.3.4.1 Concepts of disciplinary actions are correctly explained	Written test	Question paper; Marking scheme
	b) Explain reasons for disciplinary action		Assignment	Assignment guide
	c) Explain types of disciplinary action			
	d) Identify guidelines and regulations for disciplinary action		Oral questioning.	Checklist
	e) Initiate a disciplinary committee meeting	1.3.4.2 Disciplinary actions are properly taken	Competency test	Checklists
	f) Participate in disciplinary committee meeting			
	g) Implement disciplinary action			
1.3.5 Appraise staff performance according to standards	a) Define appraise, staff appraisal and evaluation	1.3.5.1 Concepts of staff appraisal are correctly described	Written test	Question paper; Marking scheme
	b) Explain different methods used to evaluate staff performance		Assignment	Assignment guide

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments		
	c) Outline factors influencing effective performance appraisal	1.3.5.2 Staff performance is properly appraised	Oral questioning.	Checklist		
	d) Explain the strategies to ensure accurate and fairness in performance appraisal					
	e) Conduct staff appraisal session		Observation of performance	Checklists		
	f) Give feedback on work performance					
	g) Conduct follow up on identified performance deficiencies					
	h) Document the appraisal process					
1.3.6 Build a working team according to interpersonal skills and guidelines	a) Define a team and teamwork	1.3.6.1 Concepts of a team are correctly explained	Written test	Question paper; Marking scheme		
	b) Explain the importance of teamwork in health care		Assignment	Assignment guide		
	c) State the qualities of an effective team					
	d) State features/characteristics of effective and in-effective team					
	e) Describe the team development process		Oral questioning.	Checklist		
	f) Conduct a staff meeting	1.3.6.2 A working team is properly built			Observation of performance	Checklist
	g) Develop a plan for teamwork					
	h) Assign responsibilities to each member of the team					
1.1.1 Provide care to a pregnant woman with bleeding conditions due to abortion,	a) Define abortion, ectopic pregnancy and hydatidiform mole	2.1.1.1 Concepts of bleeding in early pregnancy are correctly described	Written test	Question paper; Marking scheme		
	b) State causes of abortion, ectopic pregnancy and hydatidiform mole		Assignment	Assignment guide		
	c) Explain signs and symptoms of abortion, ectopic pregnancy and hydatidiform mole				Oral questioning.	Checklist



Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
ectopic pregnancy and hydatidiform mole according to standards	d) Explain the classifications of abortion, ectopic pregnancy and hydatidiform mole	2.1.1.2 Care of a woman with bleeding in early pregnancy is correctly provided	Observation of performance	Checklist
	e) Explain complications of abortion, ectopic pregnancy and hydatidiform mole			
	f) Conduct assessment of a woman with bleeding in early pregnancy			
	g) Counsel a woman with bleeding in early pregnancy			
	h) Give conservative care to a woman with threatened abortion			
	i) Give care to a woman with ectopic pregnancy			
	j) Perform manual vacuum aspiration (MVA) for incomplete abortion			
	k) Give care to a woman with hydatidiform mole			
1.1.2 Provide care to a pregnant woman with Antepartum Haemorrhage (placenta praevia and abruption) according to guidelines and protocols	l) Refer a woman with complicated condition	2.1.2.1 Concepts of antepartum haemorrhage are correctly described	Written test  Assignment  Oral questioning.	Question paper; Marking scheme  Assignment guide  Checklist
	a) Define ante partum haemorrhage			
	b) Describe placenta praevia			
	c) Describe placenta abruption			
	d) Outline the complications associated with placenta praevia and abruption	2.1.2.2 Care to a woman with antepartum haemorrhage is appropriately provided	Observation of performance	Checklist
	e) Monitor Maternal and Fetal Conditions			
	f) Assess amount of blood loss			
	g) Give conservative management to a patient with placenta praevia			
	h) Prepare a woman for caesarean section			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
1.1.3 Provide care to a pregnant woman with Urinary Tract Infections (UTIs) and syphilis according to protocols and guidelines	a) Explain the impact of UTIs and syphilis in pregnancy	2.1.3.1 Concepts of UTIs and pulmonary Syphilis are correctly described	Written test	Question paper; Marking scheme
	b) Outline risk factors of UTIs and syphilis		Assignment	Assignment guide
			Oral questioning.	Checklist
	c) Detect signs and symptoms of UTIs and syphilis in pregnancy	2.1.3.2 Care to a woman with Syphilis and UTIs is properly provided	Observation of performance	checklist
	d) Teach a pregnant woman on prevention of UTI and syphilis			
1.1.4 Provide care to a pregnant woman with anaemia, Cardiac diseases and diabetes mellitus according to standards and protocols	e) Monitor maternal and foetal conditions			
	a) Define anaemia in pregnancy, cardiac diseases and diabetes mellitus	2.1.4.1 Concepts of anaemia, diabetes and cardiac diseases in pregnancy are correctly described	Written test	Question paper; Marking scheme
	b) Explain the impact of anaemia, cardiac diseases and diabetes mellitus to a pregnant woman and foetus		Assignment	Assignment guide
	c) State factors contributing to anaemia and gestational diabetes in pregnancy		Oral questioning.	Checklist
	d) Examine a pregnant woman to rule out anaemia in pregnancy	2.1.4.2 Care to the pregnant woman with anaemia, diabetes and cardiac diseases is provided	Observation of performance	Checklist
	e) Carry out Haemoglobin test to determine the severity of anaemia			
	f) Administer routine medicine for prevention of anaemia			
	g) Administer haematinics for treatment of mild to moderate anaemia			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	h) Teach a pregnant woman on prevention of anaemia			
	i) Prepare women with cardiac disease and/or diabetes for ultrasound examination to confirm gestational age and detect abnormalities.			
	j) Monitor blood glucose levels			
	k) Administer insulin according to guideline			
	l) Advise a pregnant woman with diabetes on nutrition			
	m) Help the woman with cardiac diseases and/or diabetes to control obesity			
1.1.5 Provide care to a pregnant woman with Pulmonary Tuberculosis (PTB) and malaria according to protocols and guidelines	a) Explain the impact of Pulmonary Tuberculosis (PTB) and malaria in pregnancy	2.1.5.1 Impact of malaria and PTB to pregnancy is correctly explained	Written test	Question paper; Marking scheme
	b) Teach a pregnant woman with PTB on nutrition	2.1.5.2 Care to a pregnant woman with PTB and Malaria is correctly provided	Assignment	Assignment guide
	c) Counsel a pregnant woman on adherence to medication		Oral questioning.	Checklist
	d) Teach a pregnant woman on prevention of PTB and malaria		Observation of performance	Checklist
	e) Treat uncomplicated malaria			
	f) Give pre referral management in severe malaria in pregnancy			
	g) Administer anti TB to a pregnant woman using direct observed therapy			



Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	f) Describe haemolysis elevated liver enzymes and low platelets count (HELLP) syndrome			
	g) Identify principles of managing eclampsia			
	h) Assess a woman to diagnose hypertensive disorders of pregnancy	2.1.7.2 Care to a pregnant woman with hypertensive disorders of pregnancy is correctly provided	Observation of performance	Checklist
	i) Give care to a pregnant woman with mild pre-eclampsia during antenatal			
	j) Give care to a pregnant woman with severe pre-eclampsia during antenatal			
	k) Give care to a pregnant woman with pre-eclampsia during intra-partum			
	l) Give care to a pregnant woman with eclampsia			
1.1.8 Provide care to a pregnant woman with hyperemesis gravidarum according to standards and guidelines	a) Define hyperemesis gravidarum	2.1.8.1 Concepts of hyperemesis gravidarum are correctly described	Written test	Question paper; Marking scheme
	b) Explain etiology and diagnosis of hyperemesis gravidarum		Assignment	Assignment guide
	c) Outline signs and symptoms of hyperemesis gravidarum			
	d) Assess a pregnant woman with hyperemesis gravidarum	2.1.8.2 Care to a pregnant woman with Hyperemesis gravidarum is correctly provided	Observation of performance	Checklist
	e) Give care to a pregnant woman with hyperemesis gravidarum			
2.2.1 Provide care to a woman with abnormal	a) Define abnormal uterine action	2.2.1.1 Concepts of abnormal uterine action are correctly	Written test	Question paper; Marking scheme
	b) Describe types of abnormal uterine action			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
uterine action according to standards and guidelines	c) Describe causes of abnormal uterine action	described	Assignment	Assignment guide
	d) Assess uterine contraction	2.2.1.2 Care to a woman with abnormal uterine action is correctly provided	Oral questioning.	Checklist
	e) Monitor maternal and foetal condition		Observation of performance	Checklist
	f) Perform vaginal examination to determine the progress of labour			
	g) Administer analgesics for pain relief			
2.2.2 Provide care to a woman with prolonged labour according to standards and guidelines	a) Define prolonged labour	2.2.2.1 Concepts of prolonged labour are correctly described	Written test	Question paper; Marking scheme
	b) Explain prolonged first stage of labour		Assignment	Assignment guide
	c) State the possible causes of prolonged first stage of labour			
	d) Describe prolonged second stage of labour			
	e) State causes of prolonged second stage of labour		Oral questioning.	Checklist
	f) Assess a woman to diagnose prolonged labour	2.2.2.2 Care to a woman with prolonged labour is correctly provided	Observation of performance	Checklist
	g) Give care to a woman with prolonged labour			
	h) Prepare the woman for caesarean section if no progress despite good uterine contraction			
2.2.3 Provide care to a woman with obstructed labour according to standards and protocols	a) Define obstructed labour	2.2.3.1 Concepts of obstructed labour are described correctly	Written test	Question paper; Marking scheme
	b) List causes of obstructed labour		Assignment	Assignment guide
	c) Identify signs and symptoms of obstructed labour			
	d) Explain prevention of obstructed labour			
	e) State complications of obstructed labour		Oral questioning.	Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	f) Give IV drip with a large needle or cannula g) Administer antibiotics h) Prepare the woman for caesarean section	2.2.3.2 Care to a woman with obstructed labour is correctly provided	Observation of performance	Checklist
2.2.4 Provide care to a woman with precipitate labour according to standards	a) Define precipitate labour	2.2.4.1 Concepts of precipitate labour are described correctly	Written test	Question paper; Marking scheme
	b) Explain causes of precipitate labour		Assignment	Assignment guide
	c) Identify signs and symptoms of precipitate labour			
	d) Explain complications of precipitate labour		Oral questioning	Checklist
	e) Monitor maternal and foetal condition	2.2.4.2 Care to woman with precipitate labour is correctly provided	Observation of performance	Checklist
	f) Monitor progress of labour			
	g) Help the woman to adopt comfortable position			
2.2.5 Conduct vacuum extraction delivery according to standards and guidelines	a) Define vacuum extraction.	2.2.5.1 Concepts of vacuum extraction delivery are correctly described	Written test	Question paper; Marking scheme
	b) Explain indications and contraindications for vacuum extraction.		Assignment	Assignment guide
	c) Outline preconditions for using a vacuum extraction			
	d) State the complications of vacuum extraction.		Oral questioning.	Checklist
	e) Prepare equipment for vacuum extraction	2.2.5.2 Vacuum extraction delivery is correctly conducted	Observation of performance	Checklist
	f) Inform the woman about the procedure			
	g) Help the woman to adopt comfortable position			
	h) Perform vaginal examination to ensure correct positioning for the cap			
	i) Create vacuum negative pressure			
	j) Apply traction to deliver the head			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	k) Release the pressure when the head is delivered l) Conduct delivery of the baby			
2.2.6 Provide care to a woman undergoing caesarean section according to standards and protocols	a) Define caesarean section	2.2.6.1 Concepts of caesarean section are correctly explained	Written test	Question paper; Marking scheme
	b) Explain types of caesarean section and		Assignment	Assignment guide
	c) Explain indications for caesarean section		Oral questioning.	Checklist
	d) Monitor vital signs	2.2.6.2 Care to a woman undergoing caesarean section is correctly provided	Observation of performance	Checklist
	e) Give pre-operative care			
	f) Give post-operative care			
2.2.7 Provide care to a woman during induction, augmentation and trial of labour according to standards and guidelines	a) Define induction, augmentation and trial of labour	2.2.7.1 Induction, augmentation and trial of labour are correctly described	Written test	Question paper; Marking scheme
	b) Explain indications and contraindications for induction of labour.		Assignment	Assignment guide
	c) Explain methods of induction of labour.		Oral questioning.	Checklist
	d) Perform pre induction assessment	2.2.7.2 Care to a woman during induction, augmentation and trial of labour is properly provided	Observation of performance	Checklist
	e) Induce labour			
	f) Monitor titration rate according to standard			
	g) Monitor contraction			
	h) Monitor the progress of labour			
2.2.8 Provide care to a woman with preterm labour and premature rupture of	a) Define preterm labour and Premature Rupture of Membrane (PROM)	2.2.8.1 Preterm labour and PROM explained correctly	Written test	Question paper; Marking scheme
	b) Explain causes of preterm labour and PROM		Assignment	Assignment guide
	c) Explain signs and symptoms of preterm labour and PROM			



Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
membranes according to standards	d) Explain complications of preterm labour and PROM	2.2.8.2 Care to a woman with preterm labour and PROM is correctly provided	Oral questioning.	Checklist
	e) Take medical, social and obstetric history		Observation of performance	Checklist
	f) Perform abdominal examination			
	g) Monitor foetal and maternal conditions			
	h) Give conservative management to a woman with preterm labour and PROM			
	i) Monitor cervical dilatation every 4 hours			
	j) Prepare resuscitation equipment for the preterm baby			
	k) Conduct delivery using appropriate techniques			
2.3.1 Provide care to a woman with breech presentation according to standards	a) Define breech presentation	2.3.1.1 Breech presentation is correctly described	Written test	Question paper; Marking scheme
	b) Explain types of breech presentation		Assignment	Assignment guide
	c) Describe causes of breech presentation			
	d) Explain mechanism of breech delivery			
	e) Outline complications of breech delivery		Oral questioning.	Checklist
	f) Assess for breech presentation	2.3.1.2 Care to a woman with breech presentation is correctly provided	Observation of performance	Checklist
	g) Give care to the woman during first stage of labour			
	h) Conduct spontaneous breech delivery			
	i) Conduct delivery of the extended legs			
	j) Conduct delivery of the extended arms			
	k) Conduct delivery of the extended head			
	l) Give management in 3 <sup>rd</sup> and 4 <sup>th</sup> stage of labour			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
2.3.2 Provide care to a woman with face presentation according to standards	a) Define face presentation	2.3.2.1 Face presentation is correctly described	Written test	Question paper; Marking scheme
	b) Describe causes of face presentation		Assignment	Assignment guide
	c) Explain mechanism of face presentation			
	d) Explain the course and outcome of labour in face presentation			
	e) Describe complications of face presentation		Oral questioning.	Checklist
	f) Assess for face presentation	2.3.2.2 Care to a woman with face presentation is correctly provided	Observation of performance	Checklist
	g) Give care to the woman during first stage of labour			
	h) Deliver the head			
	i) Give care during 3 <sup>rd</sup> and 4 <sup>th</sup> stage of labour			
2.3.3 Provide care to a woman with brow presentation according to standards	a) Define brow presentation	2.3.3.1 Brow presentation is correctly defined	Written test	Question paper; Marking scheme
	b) Explain causes of brow presentations		Assignment	Assignment guide
	c) Explain complications of brow presentation			
	d) Assess for brow presentation during labour	2.3.3.2 Care to a woman with brow presentation is correctly provided	Oral questioning.	Checklist
	e) Give pre and post-operative			
2.3.4 Provide care to a woman with shoulder presentation according to standards	a) Define shoulder presentation	2.3.4.1 Concepts of shoulder presentation are correctly explained	Written test	Question paper; Marking scheme
	b) Explain causes of shoulder presentation		Assignment	Assignment guide
	c) Outline complications of shoulder presentation			
			Oral questioning.	Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	d) Assess for shoulder presentation e) Give pre and post-operative care to the woman	2.3.4.2 Care to a woman with shoulder presentation is correctly provided	Observation of performance	Checklist
2.3.5 Provide care to a woman with unstable lie and compound presentation according to standards	a) Define unstable lie and compound presentation	2.3.5.1 Unstable lie and compound presentation are correctly explained	Written test	Question paper; Marking scheme
	b) Explain causes of unstable lie and compound presentation		Assignment	Assignment guide
	c) Explain complications of unstable lie and compound presentation		Oral questioning.	Checklist
	d) Assess for unstable lie and compound presentation	2.3.5.2 Care to a woman with unstable lie and compound presentation is correctly provided	Observation of performance	Checklist
	e) Give pre and post-operative care			
2.3.6 Provide care to a woman with occipital posterior position according to standards	a) Define Occipital Posterior Position (OPP)	2.3.6.1 Concepts of occipital posterior presentation are correctly explained	Written test	Question paper; Marking scheme
	b) Explain causes of OPP		Assignment	Assignment guide
	c) Explain signs and symptoms of OPP			
	d) Explain the mechanism of OPP			
	e) Explain the course and outcome of labour		Oral questioning.	Checklist
	f) Outline complications of OPP			
	g) Assess for OPP	2.3.6.2 Care to a woman with occipital posterior position is correctly provided	Observation of performance	Checklist
	h) Give general care to the woman during first stage of labour			
	i) Deliver the baby			
	j) Give care to the woman with deep transverse arrest			
	k) Give management in 3 <sup>rd</sup> and 4 <sup>th</sup> stage of labour			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
2.3.7 Provide care to a woman with multiple pregnancy according to standards	a) Define the term multiple pregnancy	2.3.7.1 Concepts of multiple pregnancy are correctly explained	Written test	Question paper; Marking scheme
	b) Explain types of multiple pregnancy		Assignment	Assignment guide
	c) Explain complications associated with multiple pregnancy		Oral questioning.	Checklist
	d) Assess for twin pregnancy	2.3.7.2 Care to a woman with multiple pregnancy is correctly provided	Observation of performance	Checklist
	e) Give care of labour			
	f) Perform Per-Vaginal Examination (PVE) to confirm the presenting part			
	g) Deliver first twin			
	h) Perform abdominal examination and PVE to confirm the second twin			
	i) Deliver second twin			
	j) Give care in 3rd and 4th stage of labour.			
2.4.1 Describe concepts of obstetric emergency in relation to midwifery practice	a) Define obstetric emergency	2.4.1.1 Concepts of obstetric emergency are correctly explained	Written test	Question paper; Marking scheme
	b) Identify types of obstetric emergency		Assignment	Assignment guide
	c) Explain the aims of obstetric emergency		Oral questioning.	Checklist
2.4.2 Provide care to a woman in labour with cord presentation and prolapse according to guidelines and standards	a) Define cord presentation and cord prolapse	2.4.2.1 Concepts of cord presentation and cord prolapse are correctly explained	Written test	Question paper; Marking scheme
	b) Explain predisposing factors of cord presentation and cord prolapse		Assignment	Assignment guide
	c) Explain complications of cord presentation and cord prolapse		Oral questioning.	Checklist
	d) Assess for cord presentation and cord prolapse	2.4.2.2 Care to a woman in labour with cord presentation	Observation of performance	Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	e) Give care to the woman with cord presentation f) Give immediate care to a woman with cord prolapse g) Decide on mode of delivery	and prolapsed is properly provided		
2.4.3 Provide care to a woman with amniotic fluid embolism and Disseminated Intravascular Coagulopathy (DIC) according to guidelines and standards	a) Define amniotic fluid embolism and DIC	2.4.3.1 Concepts of amniotic fluid embolism and DIC are correctly explained	Written test	Question paper; Marking scheme
	b) Explain predisposing factors of amniotic fluid embolism and DIC		Assignment	Assignment guide
	c) Outline sign and symptoms of amniotic fluid embolism and DIC			
	d) Explain the complications of amniotic fluid embolism and DIC		Oral questioning.	Checklist
	e) Give immediate care to a woman with amniotic fluid embolism	2.4.3.2 Care to a woman in labour with amniotic fluid embolism and DIC is correctly provided	Observation of performance	Checklist
	f) Observe signs of bleeding from different parts of the body for patient with DIC			
	g) Collect blood specimen for HB, Grouping and cross matching for patient with DIC			
	h) Give pre referral management			
2.4.4 Provide care to a woman with ruptured uterus according to guidelines and protocols	a) Define ruptured uterus	2.4.4.1 Concepts of ruptured uterus are correctly explained	Written test	Question paper; Marking scheme
	b) Explain the types of ruptured uterus		Assignment	Assignment guide
	c) Outline the causes of rupture of uterus			
	d) Identify signs of rupture of uterus		Oral questioning.	Checklist
	e) Give pre and post-operative care to the woman with ruptured uterus	2.4.4.2 Care to the woman with ruptured uterus is correctly provided	Observation of performance	Checklist

<b>Sub Enabling Outcome</b>	<b>Related Tasks</b>	<b>Assessment Criteria</b>	<b>Assessment Methods</b>	<b>Assessment Instruments</b>
2.4.5 Provide care to a woman in labour with shoulder dystocia according to guidelines and standards	a) Define shoulder dystocia	2.4.5.1 Concepts of shoulder dystocia are correctly explained	Written test	Question paper; Marking scheme
	b) Outline risk factors of shoulder dystocia		Assignment	Assignment guide
	c) Outline causes of shoulder dystocia			
	d) Explain warning signs of shoulder dystocia		Oral questioning.	Checklist
	e) Explain complications of shoulder dystocia			
	f) Conduct delivery to a woman with shoulder dystocia	2.4.5.2 Care to a woman in labour with shoulder dystocia is correctly provided	Observation of performance	Checklist
2.4.6 Provide care to a woman with acute inversion of the uterus according to guidelines and protocols	a) Define acute inversion of the uterus	2.4.6.1 Concepts of inversion of the uterus are correctly explained	Written test	Question paper; Marking scheme
	b) Outline types of acute inversion of the uterus		Assignment	Assignment guide
	c) Explain the classifications of inversion of the uterus			
	d) Outline the causes of inversion of the uterus		Oral questioning.	Checklist
	e) Explain the warning signs and diagnosis of inversion of the uterus			
	f) Give immediate actions to save the life of the woman	2.4.6.2 Care to a woman in labour with acute inversion of the uterus is provided	Observation of performance	Checklist
2.4.7 Provide care to a woman with Post-Partum Haemorrhage (PPH) according to guidelines and protocols	a) Define the PPH	2.4.7.1 Concepts of postpartum haemorrhage is correctly described	Written test	Question paper; Marking scheme
	b) Outline the types of PPH		Assignment	Assignment guide
	c) Explain the causes of PPH			
			Oral questioning.	Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	d) Identify complications of PPH	2.4.7.2 Care to a woman with postpartum haemorrhage is provided	Observation of performance	Checklist
	e) Call for help			
	f) Resuscitate the woman with intravenous fluids			
	g) Stop bleeding			
	h) Identify the cause of PPH and manage accordingly			
2.4.8 Provide care to a woman with obstetric shock according to guidelines and protocols	a) Define obstetric shock	2.4.8.1 Concepts of shock are correctly explained	Written test	Question paper; Marking scheme
	b) Explain causes of obstetric shock			
	c) Explain Signs of a shock			
	d) Outline classification of obstetric shock		Assignment	Assignment guide
	e) Explain the effects of obstetric shock			
	f) Outline clinical observation for the woman in obstetric shock		Oral questioning.	Checklist
	g) Give immediate care to the woman with obstetric shock	2.4.8.2 Care to a woman with obstetric shock is correctly provided		
	h) Give care to woman with obstetric shock			
2.5.1 Provide care to a woman with puerperal sepsis according to standards and guidelines	a) Define puerperal sepsis	2.5.1.1 Concepts of puerperal sepsis is correctly described	Written test	Question paper; Marking scheme
	b) Outline predisposing factors of puerperal sepsis			
	c) Identify causative organisms of puerperal sepsis			
	d) Explain signs and symptoms of puerperal sepsis		Oral questioning.	Checklist
	e) Give general nursing care to a woman with puerperal sepsis	2.5.1.2 Care to a woman with puerperal sepsis is properly provided		
	f) Administer analgesics, anti-pyrexia, and antibiotics			
	g) Perform vulva hygiene			
	h) Monitor vital signs			
	i) Give health talk			

<b>Sub Enabling Outcome</b>	<b>Related Tasks</b>	<b>Assessment Criteria</b>	<b>Assessment Methods</b>	<b>Assessment Instruments</b>
2.5.2 Provide care to a woman with puerperal psychosis according to guidelines and protocols	a) Define puerperal psychosis	2.5.2.1 Concepts of puerperal psychosis are correctly explained	Written test	Question paper; Marking scheme
	b) Explain the a etiological factors of puerperal psychosis		Assignment	Assignment guide
	c) Outline clinical features of a woman with puerperal psychosis			
	d) Give general nursing care to a woman with puerperal psychosis	2.5.2.2 Care to a woman with puerperal psychosis is properly provided	Observation of performance	Checklists
	e) Perform mental status evaluation			
	f) Give antipsychotic drugs			
	g) Protect woman and baby from harm			
	h) Monitor behaviour			
	i) Give emotional support to relatives			
	j) Refer the woman and baby for further management			
2.5.3 Provide care to a woman with breast infections according to guidelines and protocols	a) Define breast infection and mastitis	2.5.3.1 Concepts of breast infections are correctly described	Written test	Question paper; Marking scheme
	b) Identify causes of breast infections		Assignment	Assignment guide
	c) Explain two types of mastitis			
	d) Explain preventive measures of mastitis			
	e) Explain complications of breast infections		Oral questioning.	Checklist
	f) Give nursing care to a woman with breast infections	2.5.3.2 Care to a woman with breast infection is properly provided	Observation of performance	Checklists
	g) Apply hot or cold compresses to the affected breast			
	h) Administer analgesics, antibiotics			



Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	i) Refer the woman for simple needle aspiration or incision and drainage j) Teach the woman on prevention of breast infections			
2.5.4 Provide care to a woman with sub-involution of uterus according to guidelines and protocols	a) Define sub- involution	2.5.4.1 Concepts of Sub-involution of the uterus are correctly described	Written test	Question paper; Marking scheme
	b) Outline causes of sub-involution of uterus		Assignment	Assignment guide
	c) Outline signs and symptoms of a woman with uterine sub-involution			
	d) State complications of uterine sub-involution		Oral questioning.	Checklist
	e) Give nursing care to a woman with uterine sub-involution	2.5.4.2 Care to a woman with sub-involution of uterus is properly provided	Observation of performance	Checklists
	f) Catheterize the woman			
	g) Massage the uterus			
	h) Expel blood clots			
	i) Give antibiotics			
	j) Give oxytocic drugs			
	k) Check HB			
	l) Refer the woman for evacuation of the uterus			
2.5.5 Provide care to a woman with venous thrombosis according to guidelines and protocols	a) Define venous thrombosis, thrombophlebitis, phlebothrombosis and pulmonary embolism	2.5.5.1 Concepts of venous thrombosis is correctly described	Written test	Question paper; Marking scheme
	b) Outline predisposing factors for venous thrombosis		Assignment	Assignment guide
	c) Identify signs and symptoms of venous thrombosis			
	d) Give anti-embolism stocking	2.5.5.2 Care to a woman with venous thrombosis is properly provided	Observation of performance	Checklists
	e) Elevate the legs			
	f) Administer analgesics			
	g) Administer anticoagulants			
	h) Instruct the woman to perform leg exercises			
	i) Refer the woman for further management			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
2.5.6 Provide care to a woman with urine incontinence according to guidelines and protocols	a) Define urine incontinence, stress incontinence and vesico-vagina fistula	2.5.6.1 Concepts of urine incontinence is properly described	Written test	Question paper; Marking scheme
	b) Identify predisposing factors of urine incontinence		Assignment	Assignment guide
	c) Outline signs and symptoms of urine incontinence		Oral questioning.	Checklist
	d) Assess the woman with urine incontinence	2.5.6.2 Care to a woman with urine incontinence is properly provided	Observation of performance	Checklists
	e) Refer to physiotherapist for pelvic floor muscles exercise and bladder training			
	f) Refer the woman for operative repair			
	g) Perform postnatal check-up			
2.6.1 Provide care to a newborn with soft tissue injuries according to standards	a) Define soft tissue injury	2.6.1.1 Concepts of soft tissue injuries are correctly described	Written test	Question paper; Marking scheme
	b) Explain causes of soft tissue injuries		Assignment	Assignment guide
	c) Describe types of soft tissue injuries		Oral questioning.	Checklist
	d) Assess for soft tissue injuries	2.6.1.2 Care to a newborn with soft tissue injuries is properly provided	Observation of performance	Checklist
	e) Give psychological support to the parents			
	f) Refer a newborn for further investigation			
2.6.2 Provide care to a newborn with haemorrhage according to standards and protocols	a) Define haemorrhage	2.6.2.1 Concepts of haemorrhage in newborn are correctly described	Written test	Question paper; Marking scheme
	b) Describe haemorrhage due to trauma		Assignment	Assignment guide
	c) Describe causes of hemorrhage		Oral questioning.	Checklist
	d) Explain complications of haemorrhage			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	e) Assess the amount of blood loss f) Give psychological support to the parents g) Prepare the newborn for further investigation h) Refer the newborn for further management	2.6.2.2 Care to a newborn with haemorrhage is correctly provided	Observation of performance	Checklist
2.6.3 Provide care to a newborn with fractures and dislocations according to standards	a) Define fracture and dislocation	2.6.3.1 Concepts of fractures and dislocation are correctly explained	Written test	Question paper; Marking scheme
	b) Explain common types of fractures and dislocation		Assignment	Assignment guide
	c) Explain causes of fractures and dislocation			
	d) Outline complications of fractures and dislocation to a newborn			
	e) Assess for fracture or dislocation	2.6.3.2 Care to a newborn with fracture and dislocation is correctly provided	Oral questioning.	Checklist
	f) Give care to a newborn with fracture or dislocation			
	g) Give psychological support to the parents			
	h) Prepare the newborn for further investigation			
	i) Refer the newborn for further management			
2.7.1 Provide care to a preterm baby according to guidelines and protocols	a) Define preterm baby	2.7.1.1 Concepts of preterm baby are properly described	Written test	Question paper; Marking scheme
	b) Explain causes of preterm birth		Assignment	Assignment guide
	c) Outline characteristics of preterm baby			
	d) Explain complications of preterm baby			
	e) Give kangaroo mother care	2.7.1.2 Care to a preterm baby is correctly provided	Oral questioning.	Checklist
	f) Give medicines			
	g) Teach the woman on prevention of infection			
	h) Give psychological support to the parents			
	i) Monitor newborn weight.			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
2.7.2 Provide care to a newborn with birth asphyxia according to guidelines and standards	a) Define birth asphyxia	2.7.2.1 Concepts of birth asphyxia is properly described	Written test	Question paper; Marking scheme
	b) Identify signs of birth asphyxia		Assignment	Assignment guide
	c) Explain the causes of birth asphyxia			
	d) Classify birth asphyxia			
	e) Assess the newborn	2.7.2.2 Care to a newborn with baby asphyxia is correctly provided	Oral questioning.	Checklist
	f) Perform newborn resuscitation			
	g) Monitor the newborn's condition			
2.7.3 Provide care to small for gestation age baby according to guidelines and standards	a) Define small for gestation age, Intrauterine Growth Restriction (IUGR), low birth weight	2.7.3.1 Concepts of small for gestation age is correctly described	Written test	Question paper; Marking scheme
	b) Explain the classification of small for gestation age and low birth weight		Assignment	Assignment guide
	c) Explain causes of intrauterine growth restriction, low birth weight and small for gestation age			
	d) Differentiate between small for gestation age and IUGR			
	e) Assess for intrauterine growth restriction, low birth weight and small for gestation age	2.7.3.2 Care to a small for gestation age baby is correctly provided	Oral questioning.	Checklist
	f) Give psychological support to parents			
	g) Monitor newborn's condition			
2.8.1 Provide care to a newborn with gastrointestinal	a) Define gastrointestinal malformation	2.8.1.1 Concepts of gastrointestinal malformations are correctly explained	Written test	Question paper; Marking scheme
	b) Identify types of gastrointestinal malformations (Hirschsprung's disease, Cleft lip and Cleft Palate, Pyloric stenosis, Atresias)		Assignment	Assignment guide

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
malformations according to guidelines and protocols	c) Explain causes of gastrointestinal malformations		Oral questioning.	Checklist
	d) State complications of gastrointestinal malformations			
	e) Identify newborn with gastrointestinal malformations	2.8.1.2 Care to a newborn with gastrointestinal malformations is correctly provided	Observation of performance	Checklist
	f) Give pre-operative nursing care to a newborn with gastrointestinal malformations			
	g) Give pre and post-operative care to a newborn			
2.8.2 Provide care to a newborn with central nervous system disorders according to standards	a) Define central nervous system disorders	2.8.2.1 Concepts of central nervous system disorders are correctly explained.	Written test	Question paper; Marking scheme
	b) Explain types of central nervous system disorders (Anencephaly, Spinal bifida, Hydrocephalus, Microcephaly, Encephalocele)		Assignment	Assignment guide
	c) Explain causes of central nervous system disorders		Oral questioning.	Checklist
	d) Outline complication of Central nervous system problems			
	e) Identify the newborn with central nervous system disorders	2.8.2.2 Care to a newborn with Central nervous system disorders is correctly provided.	Observation of performance	Checklist
	f) Give care to a newborn with central nervous system disorders			
	g) Give psychological support to parents			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
2.8.3 Provide care to a newborn with musculoskeletal malformations according to standards	a) Define musculoskeletal malformations	2.8.3.1 Concepts of musculoskeletal malformations are correctly explained	Written test	Question paper; Marking scheme
	b) Explain causes of musculoskeletal malformations to a newborn.		Assignment	Assignment guide
	c) State types of musculoskeletal malformations (Hip dislocation, Club foot, Polydactyly, Syndactyly, Hip Achondroplasia, )		Oral questioning.	Checklist
	d) Outline the complications of musculoskeletal malformations.			
	e) Assess for musculoskeletal malformations	2.8.3.2 Care to a newborn with musculoskeletal malformations is properly provided	Observation of performance	Checklist
	f) Give care to a newborn with musculoskeletal malformations			
	g) Give psychological support to parents			
2.8.4 Provide care to a newborn with uro-genital abnormalities according to standards	a) Define uro-genital abnormality	2.8.4.1 Concepts of urogenital abnormalities are correctly explained	Written test	Question paper; Marking scheme
	b) Outline types of uro-genital abnormalities (Renal agenesis, Hypospadias, Epispadias, Cryptorchidism, Ambiguous genitalia/, Congenital adrenal hyperplasia,)		Assignment	Assignment guide
	c) Explain causes of uro-genital abnormalities		Oral questioning.	Checklist
	d) State complications of uro-genital abnormalities			
	e) Assess for uro-genital abnormalities	2.8.4.2 Care to a newborn with uro-genital abnormalities is correctly provided	Observation of performance	Checklist
	f) Give care to a newborn with uro-genital abnormalities			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
2.8.5 Provide care to a newborn with genetic disorders according to standards	a) Define genetic disorders	2.8.5.1 Concepts of genetic disorders are correctly explained	Written test	Question paper; Marking scheme
	b) Explain the causes of genetic disorders		Assignment	Assignment guide
	c) Outline types of genetic disorders (Down's and Turner's Syndrome)			
	d) Outline the complication of genetic disorders		Oral questioning.	Checklist
	e) Assess for genetic disorders	2.8.5.2 Care to a newborn with genetic disorders is properly provided	Observation of performance	Checklist
	f) Give care to a newborn with genetic disorders			
	g) Give psychological support to parents			
2.8.6 Provide care to a newborn with haemolytic disorders according to standards	a) Define haemolytic disorders	2.8.6.1 Concepts of haemolytic disorders are correctly described.	Written test	Question paper; Marking scheme
	b) Explain types of haemolytic disorders		Assignment	Assignment guide
	c) Describe causes of haemolytic disorders			
	d) Outline complications of haemolytic disorders		Oral questioning.	Checklist
	e) Assess for haemolytic disorders	2.8.6.2 Care to a newborn with haemolytic disorders is correctly provided	Observation of performance	Checklist
	f) Give care to a newborn with haemolytic disorders			
	g) Give psychological support to parents			
2.8.7 Provide care to a newborn with metabolic disorders according to guidelines and standards	a) Define metabolic disorders	2.8.7.1 Concepts of metabolic disorders are correctly explained	Written test	Question paper; Marking scheme
	b) Explain types of metabolic disorders		Assignment	Assignment guide
	c) Explain causes of metabolic disorders			
	d) Outline complications of metabolic disorders		Oral questioning.	Checklist
	e) Assess for metabolic disorders	2.8.7.2 Care to a newborn with metabolic	Observation of performance	Checklist
	f) Give care to a newborn with metabolic disorders			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	g) Teach parents on care of newborn with metabolic disorders at home	disorders is correctly provided		
2.8.8 Provide care to newborn with infections according to guidelines and standards	a) Define infection	2.8.8.1 Concepts of newborn infection are properly explained	Written test	Question paper; Marking scheme
	b) Explain the causes of newborn infections		Assignment	Assignment guide
	c) Explain model of acquiring newborn infection			
	d) Outline complications of newborn infection		Oral questioning.	Checklist
	e) Assess for infections	2.8.8.2 Care to a newborn with infection is correctly provided	Observation of performance	Checklist
	f) Give care to a newborn with infections			
	g) Teach parents on prevention of newborn infections			
3.1.1 Describe ecology of disease and models of disease causation in the context of nursing and midwifery practice	a) Define disease, ecology, disease ecology and disease causation	3.1.1.1 Concepts of ecology of disease are correctly explained	Written test	Question paper; Marking scheme
	b) Explain components of etiological disease causation model.		Assignment	Assignment guide
	c) Identify disease causation models			
	d) Explain the interaction between the host, agent and environment		Oral questioning.	Checklist
3.1.2 Describe natural history of disease and levels of prevention in nursing and midwifery practice	a) Define natural history of disease	3.1.2.1 Natural history of disease and levels of prevention are correctly explained	Written test	Question paper; Marking scheme
	b) Explain three stages of natural history of disease		Assignment	Assignment guide
	c) Explain the importance of studying natural history of disease.			
	d) Explain the three levels of prevention		Oral questioning.	Checklist



Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
3.1.3 Describe principles of disease transmission in nursing and midwifery practice	a) Explain concepts of disease transmission	3.1.3.1 Principles of disease transmission are correctly described	Written test	Question paper; Marking scheme
	b) Explain the importance of route of transmission, transmission cycle and reservoir		Assignment	Assignment guide
	c) Describe modes of disease transmission		Oral questioning.	Checklist
3.1.4 Describe strategies of disease control in nursing and midwifery practice	a) Define disease control	3.1.4.1 Strategies of disease control are correctly described	Written test	Question paper; Marking scheme
	b) Explain three main strategies of disease control		Assignment	Assignment guide
	c) Describe the importance of disease control		Oral questioning.	Checklist
3.1.5 Explain sources and uses of morbidity and mortality data in nursing and midwifery practice	a) Define morbidity and mortality	3.1.5.1 Sources and uses of morbidity and mortality data are correctly explained	Written test	Question paper; Marking scheme
	b) Outline the sources of morbidity and mortality data		Assignment	Assignment guide
	c) Explain uses of morbidity and mortality data		Oral questioning.	Checklist
	d) Identify commonly used measures of morbidity			
	e) Identify commonly used measures of mortality			
	f) Identify commonly used measures of fertility			
3.1.6 Describe epidemiological studies as applied to nursing and midwifery practice	a) Define epidemiology	3.1.6.1 Epidemiological studies are correctly explained	Written test	Question paper; Marking scheme
	b) Explain terms used in epidemic occurrence of disease.		Assignment	Assignment guide
	c) Identify types of epidemiological studies			
	d) Explain sources of information for epidemiological studies		Oral questioning.	Checklist
	e) Explain uses of epidemiology			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
3.1.7 Explain concepts of testing and screening in nursing and midwifery practice	a) Define screening and testing.	3.1.7.1 Concepts of testing and screening are correctly explained.	Written test	Question paper; Marking scheme
	b) Explain the four types of screening		Assignment	Assignment guide
	c) Outline principles of screening			
	d) Explain the WHO criteria for screening test		Oral questioning.	Checklist
	e) Explain the advantages and disadvantages of screening.			
3.2.1 Explain concepts of biostatistics, population and samples	a) Define biostatistics, population and sample	3.2.1.1 Concepts of biostatistics, population and samples are correctly described	Written test	Question paper; Marking scheme
	b) Identify types of statistics		Assignment	Assignment guide
	c) Explain the importance of biostatistics in nursing practice			
	d) Identify uses of biostatistics		Oral questioning.	Checklist
	e) Explain population and samples			
3.2.2 Describe different types of data and data presentation	a) Define data	3.2.2.1 Different types of data and data presentations are correctly described	Written test	Question paper; Marking scheme
	b) Describe types of data		Assignment	Assignment guide
	c) Explain uses of data.			
	d) Explain different methods of data presentation.			
	e) Explain the advantages and disadvantages of different methods of data presentation		Oral questioning.	Checklist
3.2.3 Calculate measures of central tendencies and dispersion by using knowledge of biostatistics	a) Define mean, mode, median, standards deviation, variance and range	3.2.3.1 Measures of central tendencies and dispersion are correctly described	Written test	Question paper; Marking scheme
	b) Explain measures of central tendencies		Assignment	Assignment guide
	c) Explain measures of dispersion/variability			
	d) Calculate mean, mode, median, range, variance and standard deviation.	3.2.3.2 Measures of central tendencies and dispersion are correctly calculated	Observation of performance	Checklist
	e) Interpret results			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
3.2.4 Describe levels of measurements by using knowledge of biostatistics	a) Define nominal, ordinal, interval and ratio	3.2.4.1 Levels of measurements are correctly described	Written test	Question paper; Marking scheme
	b) Describe four levels of measurements		Assignment	Assignment guide
	c) Explain frequency distribution		Oral questioning.	Checklist
3.3.1 Describe basic concepts of action research in nursing and midwifery practice	a) Define research and action research	3.3.1.1 Basic concepts of action research are correctly described	Written test	Question paper; Marking scheme
	b) Explain the importance of action research		Assignment	Assignment guide
	c) Identify sources of research problems		Oral questioning.	Checklist
	d) Outline criteria used to prioritize research problems			
	e) Explain types of research			
3.3.2 Develop research proposal by applying knowledge of research	a) Define a research proposal	3.3.2.1. Concepts of a research proposal are correctly explained	Written test	Question paper; Marking scheme
	b) Explain the importance of research proposal		Assignment	Assignment guide
	c) Explain the steps in developing a research proposal		Oral questioning.	Checklist
	d) Write a research proposal	3.3.2.2 Research proposal is correctly developed	Proposal document	Proposal marking guide
3.3.3 Collect data for a research study by using knowledge of research	a) Explain methods of data collection	3.3.3.1 Concepts of data collection are correctly explained	Written test	Question paper; Marking scheme
	b) Identify sources of data		Assignment	Assignment guide
	c) Explain validity and reliability of data		Oral questioning.	Checklist
	d) Explain sources of bias in research			
	e) Review and pre-test the data collection tool.			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	f) Obtain data from the study participants g) Organize the collected data	3.3.3.2 Research data are correctly collected	Data collection tool	Checklist
3.3.4 Process research data by using statistical package	a) Enter data using appropriate tool b) Analyse the data c) Interpret the data	3.3.4.1 Research data is correctly processed	Assignment  Oral questioning.	Assignment guide  Checklist
3.3.5 Produce research report by using knowledge of research	a) Explain steps of report writing b) Write research report c) Disseminate the findings as per plan	3.3.5.1 Research report produced	Research report  Assignment  Oral questioning.	Research report guide  Assignment guide  Checklist
4.1.1 Provide nursing care to a patient with bronchitis according to standards	a) Define bronchitis b) Identify types of bronchitis c) State the causes of bronchitis d) Explain the pathophysiology of bronchitis e) State signs and symptoms of bronchitis f) Explain diagnostic measures of bronchitis g) Explain complications of bronchitis	4.1.1.1 Bronchitis is correctly described	Written test   Assignment  Oral questioning.	Question paper; Marking scheme  Assignment guide  Checklist
	h) Monitor vital signs i) Position patient in semi-fowlers position j) Administer medicines k) Monitor input and output l) Monitor nutrition status	4.1.1.2 Nursing care to a patient with bronchitis is correctly provided	Observation of performance	Checklist
4.1.2 Provide nursing care to a patient with pleurisy according to standards	a) Define pleurisy b) Identify causes of pleurisy c) Explain pathophysiology of pleurisy d) State signs and symptoms of pleurisy e) Explain diagnostic measures of pleurisy	4.1.2.1 Pleurisy is correctly described	Written test  Assignment  Oral questioning.	Question paper; Marking scheme  Assignment guide  Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	f) Assess the patient with pleurisy g) Administer Anti-inflammatory and additional analgesics h) Monitor signs and symptom of pleural effusion i) Teach patient on chest exercises j) Change patient's position k) Monitor vital sign	4.1.2.2 Nursing care to a patient with pleurisy is correctly provided	Observation of performance	Checklist
4.1.3 Provide nursing care to a patient with pleural effusion according to standards	a) Define pleural effusion b) Explain pathophysiology of pleural effusion c) State signs and symptoms of pleural effusion d) Explain diagnostic measures of pleural effusion e) Assess for shortness of breath f) Give oxygen (if necessary) g) Prepare patient for thoracentesis h) Administer analgesics and antibiotics i) Monitor vital sign	4.1.3.1 Pleural effusion is correctly described      4.1.3.2 Nursing care to a patient with pleural effusion is correctly provided	Written test   Assignment  Oral questioning.	Question paper; Marking scheme  Assignment guide  Checklist
4.1.4 Provide nursing care to a patient with adenitis according to standards	a) Define adenitis b) State causes of adenitis c) Explain pre-disposing factors for adenitis d) Explain pathophysiology of Adenitis e) Identify signs and symptoms of Adenitis f) Explain diagnostic measures of Adenitis g) Monitor vital signs h) Administer analgesics and antibiotics	4.1.4.1 Adenitis is correctly described      4.1.4.2 Nursing care to patient with adenitis is	Written test   Assignment  Oral questioning.	Question paper; Marking scheme  Assignment guide  Checklist  Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	i) Prepare patient for adenoidectomy	correctly provided		
4.2.1 Provide nursing care to a patient with rheumatic heart disease according to standards	a) Explain concepts of Rheumatic heart disease	4.2.1.1 Rheumatic heart disease is correctly described	Written test	Question paper; Marking scheme
	b) Identify causes of Rheumatic heart disease to restore cardiovascular functions and prevent complications		Assignment	Assignment guide
	c) Explain pathophysiology of Rheumatic heart disease		Oral questioning.	Checklist
	d) Identify signs and symptoms of Rheumatic heart disease			
	e) Identify diagnostic measures of Rheumatic heart disease			
	f) Assess for shortness of breath	4.2.1.2 Nursing care to patient with rheumatic heart disease is correctly provided	Observation of performance	Checklist
	g) Provide oxygen (if necessary)			
	h) Administer analgesics and antibiotics			
	i) Monitor input and output			
	j) Monitor nutrition status			
4.2.2 Provide nursing care to a patient with Congestive Cardiac Failure (CCF) according to standards	a) Explain concepts of Congestive Cardiac Failure	4.2.2.1 Congestive cardiac failure is correctly described	Written test	Question paper; Marking scheme
	b) Identify causes and risk factors of Congestive Cardiac Failure		Assignment	Assignment guide
	c) Explain pathophysiology of Congestive Cardiac Failure			
	d) Identify signs and symptoms of Congestive Cardiac Failure		Oral questioning.	Checklist
	e) Identify diagnostic measures of Congestive Cardiac Failure			
	f) Identify complications of Congestive Cardiac Failure	4.2.2.2 Nursing care to patient with congestive cardiac failure is	Observation of performance	Checklist
	g) Monitor pulse rate			
	h) Assess for shortness of breath			
	i) Give oxygen (if necessary)			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	j) Administer medicines k) Weigh patient daily l) Give low sodium, less fat and cholesterol diet m) Give health education on healthy life style	correctly provided		
4.2.3 Provide nursing care to a patient with phlebitis according to standards	a) Define Phlebitis	4.2.3.1 Phlebitis is correctly described	Written test	Question paper; Marking scheme
	b) Identify risk factors of Phlebitis		Assignment	Assignment guide
	c) Identify signs and symptoms of Phlebitis			
	d) Identify diagnostic measure of Phlebitis		Oral questioning.	Checklist
	e) Administer medicines	4.2.3.2 Nursing care to patient with phlebitis is correctly provided using different methods	Observation of performance	Checklist
	f) Teach the patient on the use of stockings and wraps			
	g) Apply warm/moist heat			
	h) Elevate the affected area			
4.2.4 Provide nursing care to a patient with pericarditis, myocarditis and endocarditis according to standards	a) Define Pericarditis, Myocarditis and endocarditis	4.2.4.1 Pericarditis, myocarditis and endocarditis are correctly described	Written test	Question paper; Marking scheme
	b) Identify risk factors of Pericarditis, Myocarditis, and endocarditis		Assignment	Assignment guide
	c) Explain pathophysiology of Pericarditis and Myocarditis, Endocarditis			
	d) Identify signs and symptoms of Pericarditis, Myocarditis and Endocarditis			Checklist
	e) Identify diagnostic measure of Pericarditis, Myocarditis and Endocarditis		Oral questioning.	
	f) Assess for shortness of breath	4.2.4.2 Nursing care to patient with pericarditis, myocarditis and endocarditis is	Observation of performance	Checklist
	g) Give oxygen (if necessary)			
	h) Administer medicines			
	i) Give psychological support			
	j) Monitor vital signs			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	k) Monitor input and output l) Position patient in semi fowlers position m) Monitor for hypotension and allergic reaction	correctly provided		
4.2.5 Provide nursing care to a patient with angina pectoris and myocardial infarction according to standards	a) Define Angina pectoris and myocardial infarction b) Identify types of angina pectoris c) Explain the pathophysiology of Angina pectoris and myocardial infarction d) Explain the signs and symptoms of angina pectoris and myocardial infarction e) Identify diagnostic measure of angina pectoris and myocardial infarction	4.2.5.1 Angina pectoris and myocardial infarction are correctly described	Written test  Assignment  Oral questioning.	Question paper; Marking scheme  Assignment guide  Checklist
	f) Administer oxygen and medicines g) Position patient in semi fowlers position h) Monitor vital signs and cardiac rhythm i) Monitor input and output j) Teach the patient on the prevention of angina pectoris and myocardial infarction	4.2.5.2 Nursing care to a patient with angina pectoris and myocardial infarction is correctly provided	Observation of performance	Checklist
4.2.6 Provide nursing care to a patient with arteriosclerosis and atherosclerosis according to standards	a) Define arteriosclerosis and atherosclerosis b) Identify causes and risk factors of arteriosclerosis and atherosclerosis c) Explain the pathophysiology of arteriosclerosis and atherosclerosis d) Identify signs and symptoms of Arteriosclerosis and Atherosclerosis e) Identify diagnostic measure of arteriosclerosis and atherosclerosis	4.2.6.1 Arteriosclerosis and atherosclerosis are correctly described	Written test  Assignment  Oral questioning.	Question paper; Marking scheme  Assignment guide  Checklist



Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	f) Encourage regular exercises g) Prepare the patient for stenting h) Monitor vital signs i) Monitor nutrition status j) Provide health education on smoking, healthy diet and body weight control	4.2.6.2 Nursing care to patient with arteriosclerosis and atherosclerosis is correctly provided	Observation of performance	Checklist
4.2.7 Provide nursing care to a patient with bleeding disorders according to standards	a) Define bleeding disorder	4.2.7.1 Bleeding disorders are correctly described	Written test	Question paper; Marking scheme
	b) Explain causes of bleeding disorders		Assignment	Assignment guide
	c) Explain the types of bleeding disorders			
	d) Assess the state of anaemia	4.2.7.2. Care of the patient with bleeding disorders is properly provided	Oral questioning.	Checklist
	e) Take history of medication		Observation of performance	Checklist
	f) Administer medicines			
	g) Teach patient on preventive strategies to reduce risk of bleeding			
4.2.8 Provide nursing care to a patient with hypertension according to standards	a) Define hypertension	4.2.8.1 Concepts of hypertension are correctly described	Written test	Question paper; Marking scheme
	b) Explain causes of hypertension		Assignment	Assignment guide
	c) Explain risk factors for hypertension			
	d) Explain pathophysiology of hypertension			
	e) Outline sign and symptoms of hypertension		Oral questioning.	Checklist
	f) Describe complications of hypertension			
	g) Monitor blood pressure and weight	4.2.8.2 Nursing care to a patient with hypertension is correctly provided	Observation of performance	Checklist
	h) Counsel the patient on lifestyle modification			
	i) Administer medicines			
	j) Give care to a patient with hypertensive complications			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
4.3.1 Provide nursing care to a patient with osteomyelitis according to standards	a) Define osteomyelitis	4.3.1.1 Osteomyelitis is correctly described	Written test	Question paper; Marking scheme
	b) Explain causes of osteomyelitis			
	c) Identify classification of osteomyelitis			
	d) Explain pathophysiology of osteomyelitis		Assignment	Assignment guide
	e) Identify signs and symptoms of osteomyelitis	4.3.1.2 Nursing care to patient with osteomyelitis is correctly provided	Oral questioning.	Checklist
	f) Identify diagnostic measure of osteomyelitis			
	g) Give supportive care			
	h) Administer medicines			
4.3.2 Provide nursing care to a patient with osteoarthritis according to standards	i) Monitor vital signs	4.3.2.1 Osteoarthritis is correctly described	Observation of performance	Checklist
	j) Monitor input and output			
	a) Define osteoarthritis			
	b) Explain pathophysiology of osteoarthritis			
	c) Explain causes of osteoarthritis	4.3.2.2 Nursing care to patient with osteoarthritis is correctly provided	Written test	Question paper; Marking scheme
	d) Identify signs and symptoms of osteoarthritis			
	e) Identify diagnostic measures of osteoarthritis			
	f) Teach the patient on weight reduction and exercise (general and range of motion)			
4.3.3 Provide nursing care to a patient with rheumatoid arthritis	g) Teach alternative strategies to perform activities of daily living (ADLs)	4.3.3.1 Rheumatoid arthritis is correctly described	Assignment	Assignment guide
	h) Give pain relief measures			
	i) Monitor vital signs			
	j) Monitor input and output			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
according to standards	e) Identify diagnostic measure of rheumatoid arthritis	4.3.3.2 Nursing care to a patient with rheumatoid arthritis is correctly provided	Oral questioning.	Checklist
	f) Give pain relief measures		Observation of performance	Checklist
	g) Monitor vital signs			
	h) Monitor input and output			
	i) Teach the patient on weight reduction and exercise (general and range of motion)			
	j) Teach on activities of daily living (ADLs)			
4.3.4 Provide nursing care to a patient with gout according to standards	a) Define gout	4.3.4.1 Gout is correctly explained	Written test	Question paper; Marking scheme
	b) Identify causes and risk factors of gout		Assignment	Assignment guide
	c) Explain pathophysiology of gout			
	d) Identify signs and symptoms of gout		Oral questioning.	Checklist
	e) Identify diagnostic measure of gout			
	f) Teach patient on diet (low purine) and life style	4.3.4.2 Nursing care to patient with gout is correctly provided	Observation of performance	Checklist
	g) Administer medicines			
4.3.5 Provide nursing care to a patient with gangrene according to standards	a) Define gangrene	4.3.5.1 Gangrene is correctly explained	Written test	Question paper; Marking scheme
	b) Explain causes of gangrene		Assignment	Assignment guide
	c) Identify types of gangrene			
	d) Identify risk factors of gangrene			
	e) Identify diagnostic measures of gangrene		Oral questioning.	Checklist
	f) Administer medicines	4.3.5.2 Care to patient with gangrene is according to standards provided	Observation of performance	Checklist
	g) Prepare for surgical intervention			
	h) Give care to patient with gangrene			
4.3.6 Provide nursing care to a	a) Define myositis/pyomyositis	4.3.6.1 Myositis/pyomyositis is correctly	Written test	Question paper; Marking scheme
	b) Identify causes of myositis/pyomyositis			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
patient with myositis and pyomyositis is according to standards	c) Enumerate signs and symptoms of myositis/pyomyositis	described	Assignment  Oral questioning.	Assignment guide  Checklist
	d) Administer medications	4.3.6.2 Care to patient with myositis/pyomyositis is provided according to standards	Observation of performance	Checklist
	e) Assist the patient with positioning			
	f) Teach the patient on range of motion exercises			
	g) Prepare the patient for surgical drainage			
4.4.1 Provide nursing care to a patient with hepatitis according to standards	a) Define hepatitis	4.4.1.1 Hepatitis is correctly described	Written test  Assignment  Oral questioning.	Question paper; Marking scheme  Assignment guide  Checklist
	b) Identify types of hepatitis			
	c) Explain causes and risk factors of hepatitis			
	d) Explain pathophysiology of hepatitis			
	e) Explain the clinical manifestations of hepatitis			
	f) Identify diagnostic measure of hepatitis			
	g) Describe complications of hepatitis			
	h) Assess a patient with hepatitis	4.4.1.2 Nursing care to patient with hepatitis is provided according to standards	Observation of performance	Checklist
	i) Administer medicines			
	j) Give psychological support			
	k) Teach patient and care takers on prevention of hepatitis			
	l) Plan for the continuity of care on discharge			
4.4.2 Provide nursing care to a patient with liver cirrhosis according to standards	a) Define liver cirrhosis	4.4.2.1 Liver cirrhosis is correctly described	Written test  Assignment  Oral questioning.	Question paper; Marking scheme  Assignment guide  Checklist
	b) Identify causes and risk factors of liver cirrhosis			
	c) Explain pathophysiology of liver cirrhosis			
	d) Identify signs and symptoms of liver cirrhosis			
	e) Identify diagnostic measure of liver cirrhosis			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	f) Identify complications of liver cirrhosis g) Assist the patient in performing self-care activities as tolerated h) Give high carbohydrates with protein i) Prepare patient for liver function test j) Monitor for potential complications k) Monitor intake and output	4.4.2.2 Nursing care to patient with liver cirrhosis is provided according to standards	Observation of performance	Checklist
4.4.3 Provide nursing care to a patient with liver abscess according to standards	a) Define liver abscess b) Identify causes and risk factors of liver abscess c) Explain pathophysiology of liver abscess d) Identify signs and symptoms of liver abscess e) Identify diagnostic measure of liver abscess f) Identify complications of liver abscess	4.4.3.1 Liver abscess is correctly described	Written test  Assignment  Oral questioning.	Question paper; Marking scheme  Assignment guide  Checklist
	g) Administer medicines h) Prepare patient for percutaneous catheter placement i) Monitor for potential complications j) Monitor intake and output	4.4.3.2 Nursing care to patient with liver abscess is provided according to standards	Observation of performance	Checklist
4.4.4 Provide nursing care to a patient with cholecystitis according to standards	a) Define cholecystitis b) Identify causes and risk factors of cholecystitis c) Explain pathophysiology of cholecystitis d) Identify signs and symptoms of cholecystitis e) Identify diagnostic measure of cholecystitis f) Identify complications of cholecystitis	4.4.4.1 Cholecystitis is correctly described	Written test  Assignment  Oral questioning.	Question paper; Marking scheme  Assignment guide  Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	g) Assist patient to rest h) Insert NGT for suction i) Give adequate fluid orally and intravenous j) Prepare patient for endoscopic sphincterotomy k) Administer antibiotics l) Monitor intake and output	4.4.4.2 Nursing care to patient with cholecystitis is provided according to standards	Observation of performance	Checklist
4.4.5 Provide nursing care to a patient with cholelithiasis according to standards	a) Define cholelithiasis	4.4.5.1 Cholelithiasis is correctly described	Written test	Question paper; Marking scheme
	b) Identify causes and risk factors of cholelithiasis		Assignment	Assignment guide
	c) Explain pathophysiology of cholelithiasis			
	d) Identify signs and symptoms of cholelithiasis			
	e) Identify diagnostic measure of cholelithiasis		Oral questioning.	Checklist
	f) Assess for cholelithiasis	4.4.5.2 Nursing care to patients with cholelithiasis is provided according to standards	Observation of performance	Checklist
	g) Administer medicines			
	h) Insert Nasal-Gastric Tube (NGT) for suction			
	i) Give adequate fluid orally and intravenously			
	j) Prepare patient for endoscopic sphincterotomy			
	k) Prepare patient for surgical intervention			
	l) Monitor intake and output			
4.4.6 Provide nursing care to a patient with hepatic coma according to standards	a) Define hepatic coma	4.4.6.1 Hepatic coma correctly described	Written test	Question paper; Marking scheme
	b) Explain causes of hepatic coma		Assignment	Assignment guide
	c) Explain pathophysiology of hepatic coma			
	d) Explain clinical manifestations of hepatic coma			
	e) State diagnostic measure of hepatic coma	4.4.6.2 Nursing care to patient with	Oral questioning.	Checklist
	f) Describe complications of hepatic coma		Observation of	Checklist
	g) Prepare equipment for the assessment of a patient with hepatic coma			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	h) Assess for hepatic coma i) Carry out hygiene and comfort measures for the patient j) Carry out palliative nursing care k) Plan for continuity of care on discharge	hepatic coma is provided according to standards	performance	
4.5.1 Provide nursing care to a patient with renal failure according to standards	a) Define renal failure	4.5.1.1 Renal failure is correctly described	Written test	Question paper; Marking scheme
	b) Identify types of renal failure		Assignment	Assignment guide
	c) Identify causes and risk factors of renal failure			
	d) Explain pathophysiology of renal failure			
	e) Identify signs and symptoms of renal failure		Oral questioning.	Checklist
	f) Identify diagnostic measure of renal failure			
	g) Assess for renal failure	4.5.1.2 Nursing care to patient with renal failure is provided according to standards	Observation of performance	Checklist
	h) Monitor intake and output			
	i) Administer antibiotics and corticosteroid			
	j) Monitor for hypertension			
	k) Control proteinuria			
	l) Teach patient on prevention strategies			
	m) Prepare patient for urinalysis			
4.5.2 Provide nursing care to a patient with Glomerulonephritis according to standards	a) Define glomerulonephritis	4.5.2.1 Glomerulonephritis is correctly described	Written test	Question paper; Marking scheme
	b) Identify causes and risk factors glomerulonephritis		Assignment	Assignment guide
	c) Explain pathophysiology of glomerulonephritis			
	d) Identify signs and symptoms of glomerulonephritis			
	e) Identify diagnostic measure of glomerulonephritis	4.5.2.2 Nursing care to patient with	Oral questioning.	Checklist
	f) Identify complications of glomerulonephritis			
	g) Assess for glomerulonephritis		Observation of	Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	h) Administer ant-hypertensive agents and diuretics i) Monitor intake and output j) Monitor weight daily k) Give high protein diet and adequate calories (restrict sodium and water) l) Prepare for dialysis m) Give emotional support to patient and family n) Teach on self-care	glomerulonephritis is provided according to standards	performance	
4.5.3 Provide nursing care to a patient with hydronephrosis and urolithiasis according to standards	a) Define hydronephrosis and urolithiasis	4.5.3.1 Hydronephrosis and urolithiasis are correctly described	Written test	Question paper; Marking scheme
	b) Identify causes and risk factors of hydronephrosis and urolithiasis		Assignment	Assignment guide
	c) Explain pathophysiology of hydronephrosis and urolithiasis			
	d) Identify signs and symptoms of hydronephrosis and urolithiasis		Oral questioning.	Checklist
	e) Identify diagnostic measure of hydronephrosis and urolithiasis			
	f) Assess for hydronephrosis and urolithiasis	4.5.3.2 Nursing care to patient with hydronephrosis and urolithiasis is provided according to standards	Observation of performance	Checklist
	g) Give adequate fluid			
	h) Give nutritious diet			
	i) Monitor intake and output			
	j) Monitor vital sign			
	k) Administer medicines			
	l) Insert indwelling catheter and NGT			
	m) Monitor complications			
4.5.4 Provide nursing care to a patient	a) Define enlarged prostate gland	4.5.4.1 Enlarged prostate gland is correctly described	Written test	Question paper; Marking scheme
	b) Identify causes and risk factors of enlarged prostate gland			



Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
with enlarged prostate gland according to standards	c) Explain pathophysiology of enlarged prostate gland	4.5.4.2 Nursing care to patient with enlarged prostate gland is correctly provided	Assignment	Assignment guide
	d) Identify signs and symptoms of enlarged prostate gland		Oral questioning.	Checklist
	e) Identify diagnostic measure of enlarged prostate gland			
	f) Assess for enlarged prostate gland		Observation of performance	Checklist
	g) Give adequate fluid			
	h) Teach patient on the importance of medical check up			
	i) Administer medicines			
	j) Prepare for surgical intervention			
	k) Monitor vital signs			
4.5.5 Provide nursing care to a patient with hydrocele according to standards	a) Define hydrocele	4.5.5.1 Hydrocele is correctly described	Written test	Question paper; Marking scheme
	b) Identify classification of hydrocele		Assignment	Assignment guide
	c) Identify causes and risk factors of hydrocele			
	d) Identify signs and symptoms of hydrocele			
	e) Identify diagnostic measure of hydrocele		Oral questioning.	Checklist
	f) Assess for hydrocele	4.5.5.2 Nursing care to patient with hydrocele is correctly provided	Observation of performance	Checklist
	g) Teach patient on the importance of medical check-up			
	h) Prepare the patient for surgical intervention			
	i) Monitor vital signs			
4.5.6 Provide nursing care to a patient with epididymo-orchitis according	a) Define epididymo-orchitis	4.5.6.1 Epididymo-orchitis is correctly described	Written test	Question paper; Marking scheme
	b) identify causes and risk factors epididymo-orchitis		Assignment	Assignment guide
	c) Identify signs and symptoms of epididymo-orchitis			
	d) Identify diagnostic measure of epididymo-orchitis		Oral questioning.	Checklist



Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
standards	e) Identify signs and symptoms of pancreatitis		Oral questioning.	Checklist
	f) Explain diagnostic measures of pancreatitis			
	g) List complications of pancreatitis			
	h) Assess for pancreatitis	4.6.2.2 Nursing care to patient with pancreatitis is correctly provided	Observation of performance	Checklist
	i) Administer medicines			
	j) Manage pain and discomfort			
	k) Position patient in semi-fowlers position			
	l) Maintain skin integrity			
	m) Monitor for potential complications			
4.6.3 Provide nursing care to a patient with Cushing syndrome according to standards	a) Define Cushing syndrome	4.6.3.1 Cushing syndrome is correctly described	Written test	Question paper; Marking scheme
	b) Identify types of Cushing syndrome		Assignment	Assignment guide
	c) Identify causes of Cushing syndrome			
	d) Identify signs and symptoms of Cushing syndrome			
	e) Explain diagnostic measures of Cushing syndrome		Oral questioning.	Checklist
	f) List complications of Cushing syndrome			
	g) Assess for Cushing syndrome	4.6.3.2 Nursing care to patient with Cushing syndrome is correctly provided	Observation of performance	Checklist
	h) Administer medicines			
	i) Monitor for complications			
	j) Maintain skin integrity			
	k) Teach patient and family on mood swings			
	l) Prepare patient for surgical intervention			
4.6.4 Provide nursing care to a patient with encephalitis according	a) Define encephalitis	4.6.4.1 Encephalitis is correctly described	Written test	Question paper; Marking scheme
	b) Identify causes of encephalitis			
	c) Identify types of encephalitis			
	d) Identify clinical manifestation of encephalitis		Assignment	Assignment guide

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
to standards	e) Explain diagnostic measures of encephalitis	4.6.4.2 Nursing care to patient with encephalitis is correctly provided	Oral questioning.	Checklist
	f) Identify preventive measures of encephalitis			
	g) Assess for encephalitis			
	h) Administer medicines			
	i) Give supportive care			
	j) Monitor complications			
4.6.5 Provide nursing care to a patient with Cerebral Vascular Accident (CVA) according to guidelines	a) Define Cerebral Vascular Accident (CVA)	4.6.5.1 Cerebral Vascular Accident (CVA) is correctly described	Written test	Question paper; Marking scheme
	b) Identify causes of CVA			
	c) Explain pathophysiology of CVA			
	d) Identify signs and symptoms of CVA			
	e) Explain diagnostic measures of CVA			
	f) Identify preventive measures of CVA			
	g) Assess for stroke	4.6.5.2 Nursing care to patient with Cerebral Vascular Accident (CVA) is provided according to standards	Assignment	Assignment guide
	h) Administer medicines			
	i) Monitor for potential complication			
	j) Perform close cardiac monitoring			
	k) Teach on prevention of CVA			
4.6.6 Provide nursing care to a patient with paralysis according to standards	a) Define paralysis	4.6.6.1 Paralysis is correctly described	Oral questioning.	Checklist
	b) Identify causes of paralysis			
	c) Explain pathophysiology of paralysis			
	d) Identify signs and symptoms of paralysis			
	e) Explain diagnostic measures of paralysis			
	f) Teach patient on preventive measures of paralysis			
	g) Assess for paralysis	4.6.6.2 Nursing care to patient with paralysis is correctly provided	Written test	Question paper; Marking scheme
	h) Administer medicines			
	i) Teach patient on preventive measures of paralysis			
	j) Monitor for potential complications			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
4.6.7 Provide nursing care to a patient with brain abscess according to standards	a) Define brain abscess	4.6.7.1 Brain abscess is correctly described	Written test	Question paper; Marking scheme
	b) Identify causes of brain abscess		Assignment	Assignment guide
	c) Explain pathophysiology of brain abscess			
	d) Identify signs and symptoms of brain abscess			
	e) Explain diagnostic measures of brain abscess		Oral questioning.	Checklist
	f) Assess for brain abscess	4.6.7.2 Nursing care to patient with brain abscess is correctly provided	Observation of performance	Checklist
	g) Administer medicines			
	h) Prepare for surgical intervention			
	i) Monitor for potential complications			
4.7.1 Describe basic concepts of oncology in relation to nursing care	a) Define oncology	4.7.1.1 Concepts of oncology is correctly described	Written test	Question paper; Marking scheme
	b) Explain epidemiology of oncology		Assignment	Assignment guide
	c) Explain causes of cancer			
	d) Explain pathophysiology of malignancy			
	e) Outline clinical features of malignancy		Oral questioning.	Checklist
	f) Identify detection and preventive measure of cancer			
	g) Identify diagnostic measures of cancer			
	h) Identify tumour staging and grading			
4.7.2 Provide nursing care to a patient with cancer of the lung according to standards	a) Define cancer of the lung	4.7.2.1 Cancer of the lung is correctly described	Written test	Question paper; Marking scheme
	b) Identify risk factors of cancer of the lung		Assignment	Assignment guide
	c) Explain Pathophysiology of cancer of the lung			
	d) Classification and staging of cancer of the lung			
	e) Identify signs and symptoms of cancer of the lung		Oral questioning.	Checklist
	f) Identify diagnostic measures of cancer of the lung			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	g) Assess for lung cancer h) Counsel the patient and family i) Give chemotherapy j) Prepare for radiotherapy. k) Monitor for complications l) Prepare for surgical intervention	4.7.2.2 Nursing care to patient with cancer of the lung is correctly provided	Observation of performance	Checklist
4.7.3 Provide nursing care to a patient with cancer of the oesophagus and stomach according to standards	a) Define cancer of the oesophagus and stomach	4.7.3.1 Cancer of the oesophagus and stomach are correctly described	Written test	Question paper; Marking scheme
	b) Identify risk factors of cancer of the oesophagus and stomach		Assignment	Assignment guide
	c) Explain Pathophysiology of cancer of the oesophagus and stomach			
	d) Identify diagnostic measures of cancer of the oesophagus and stomach		Oral questioning.	Checklist
	e) Assess for specific needs and problems	4.7.3.2 Nursing care to patient with cancer of the oesophagus and stomach is correctly provided	Observation of performance	Checklist
	f) Give high calorie and protein diet in liquid or soft form			
	g) Position patient in semi-fowlers position			
	h) Give chemotherapy			
	i) Prepare for radiotherapy			
	j) Monitor for complications			
	k) Prepare for surgical intervention			
	l) Refer the patient for further management			
	m) Plan for discharge and follow up			
4.7.4 Provide nursing care to a patient with leukaemia according	a) Define leukaemia	4.7.4.1 Leukaemia is correctly described	Written test	Question paper; Marking scheme
	b) Identify risk factors of leukaemia			
	c) Explain pathophysiology of leukaemia			
	d) Identify signs and symptoms of leukaemia			
	e) Identify diagnostic measures of leukaemia			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
to standards	f) Identify complications of leukaemia		Oral questioning.	Checklist
	g) Assess specific needs and problems	4.7.4.2 Nursing care to patient with leukaemia is correctly provided	Observation of performance	Checklist
	h) Counsel the patient and family			
	i) Administer medicines			
	j) Give chemotherapy			
	k) Monitor for complications			
	l) Refer the patient for further management			
	m) Plan for discharge and follow up			
4.7.5 Provide nursing care to a patient with carcinoma of prostate gland according to standards	a) Define carcinoma of prostate gland	4.7.5.1 Carcinoma of prostate gland is correctly described	Written test	Question paper; Marking scheme
	b) Identify risk factors of carcinoma of prostate gland		Assignment	Assignment guide
	c) Identify signs and symptoms of carcinoma of prostate gland			
	d) Explain pathophysiology of carcinoma of prostate gland		Oral questioning.	Checklist
	e) Identify diagnostic measures of carcinoma of prostate gland			
	f) Assess for special needs and problem	4.7.5.2 Nursing care to patient with carcinoma of prostate gland is correctly provided	Observation of performance	Checklist
	g) Give chemotherapy			
	h) Counsel patient and family			
	i) Refer the patient for further management			
	j) Plan for discharge and follow up			
4.7.6 Provide nursing care to a patient with cancer of the cervix, breast and	a) Define cancer of the cervix, breast and uterus	4.7.6.1 Cancer of the cervix, breast and uterus are correctly described	Written test	Question paper; Marking scheme
	b) Identify risk factors of cancer of the cervix, breast and uterus		Assignment	Assignment guide
	c) Identify signs and symptoms of cancer of the cervix, breast and uterus			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
uterus according to standards	d) Explain pathophysiology of cancer of the cervix, breast and uterus		Oral questioning.	Checklist
	e) Identify diagnostic measures of cancer of the cervix, breast and uterus			
	f) Assess for special needs and problems	4.7.6.2 Nursing care to patient with cancer of the cervix, breast and uterus is correctly provided	Observation of performance	Checklist
	g) Give chemotherapy			
	h) Prepare for radiotherapy			
	i) Prepare for surgical intervention			
	j) Counsel patient and family			
	k) Teach patient and family on prevention			
	l) Refer the patient for further management			
	m) Plan for discharge and follow up			
4.7.7 Provide nursing care to a patient with lymphoma according to standards	a) Define lymphoma	4.7.7.1 Lymphoma is correctly described	Written test	Question paper; Marking scheme
	b) Identify risk factors of lymphoma		Assignment	Assignment guide
	c) Identify types of lymphoma			
	d) Explain pathophysiology of lymphoma			
	e) Identify signs and symptoms of lymphoma		Oral questioning.	Checklist
	f) Identify diagnostic measures of lymphoma			
	g) Assess for special needs and problems	4.7.7.2 Nursing care to patient with lymphoma is correctly provided	Observation of performance	Checklist
	h) Give chemotherapy			
	i) Prepare for radiotherapy			
	j) Prepare for surgical intervention			
	k) Counsel patient and family			
	l) Refer the patient for further management			
	m) Plan for discharge and follow up			



Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
4.7.8 Provide nursing care to a patient with brain tumour according to standards	a) Define brain tumour	4.7.8.1 Brain tumour is correctly described	Written test	Question paper; Marking scheme
	b) Identify risk factors of brain tumour			
	c) Identify types of brain tumour			
	d) Explain pathophysiology of brain tumour		Assignment	Assignment guide
	e) Identify signs and symptoms of brain tumour		Oral questioning.	Checklist
	f) Identify diagnostic measures of brain tumour			
	g) Identify complications of brain tumour			
	h) Assess for special needs and problems	4.7.8.2 Nursing care to patient with brain tumour is correctly provided	Observation of performance	Checklist
	i) Administer medicines			
	j) Perform neurological check			
	k) Prepare for surgical intervention			
	l) Counsel patient and family			
	m) Refer the patient for further management			
	n) Plan for discharge and follow up			
4.8.1 Conduct basic assessment of the eye and vision to a client with eye problems according to standards	a) Describe the structure of the eye	4.8.1.1 Structure and functions of the eye are correctly described	Written test	Question paper; Marking scheme
	b) Explain the functions of the eye		Assignment	Assignment guide
			Oral questioning.	Checklist
	c) Prepare equipment and materials needed for eye and visual assessment	4.8.1.2 Assessment of the eye and vision is correctly conducted	Observation of performance	Checklist
	d) Perform eye and visual assessment			
	e) Refer the patient for further management			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
4.8.2 Provide nursing care to a patient with eye degenerative changes according to standards	a) Define eye degenerative changes	4.8.2.1 Eye degenerative changes are correctly described	Written test	Question paper; Marking scheme
	b) Identify risk factors of glaucoma and cataract		Assignment	Assignment guide
	c) Outline causes of glaucoma and cataract			
	d) Identify types of glaucoma and cataract			
	e) Explain pathophysiology of glaucoma and cataract		Oral questioning.	Checklist
	f) Identify signs and symptoms of glaucoma and cataract			
	g) Identify diagnostic measures of glaucoma and cataract			
	h) Explain complications of glaucoma and cataract	4.8.2.2. Nursing care to patients with glaucoma and cataract is correctly provided	Observation of performance	Checklist
	i) Prepare for surgical intervention			
	j) Teach patient on prevention			
4.8.3 Provide nursing care to a patient with eye refractive errors according to standards	k) Administer medicines			
	a) Define eye refractive error	4.8.3.1 Eye Refractive errors are correctly described	Written test	Question paper; Marking scheme
	b) Identify types of eye refractive errors		Assignment	Assignment guide
	c) Describe common types of eye refractive errors			
	d) Assess the eye	4.8.3.2 Nursing care to patient with eye refractive errors is correctly provided	Oral questioning.	Checklist
	e) Administer medication			
	f) Refer patient for further management			
	g) Teach patient on the care of spectacles			
5.1.1 Provide surgical nursing	a) Define lung abscess	5.1.1.1 Lung abscess is correctly described	Written test	Question paper; Marking
	b) Identify causes and predisposing factors of lung abscess			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
care to a patient with lung abscess according to standards	c) Identify classification of lung abscess		Assignment  Oral questioning.	scheme
	d) Explain pathophysiology of lung abscess			Assignment guide
	e) Identify signs and symptoms of lung abscess			Checklist
	f) Explain diagnostic measures of lung abscess			
	g) Explain complications of lung abscess			
	h) Position patient in semi-fowlers position	5.1.1.2 Nursing care to patient with lung abscess is correctly provided	Observation of performance	Checklist
	i) Administer medicines			
	j) Monitor input and output			
	k) Give high protein and caloric diet			
	l) Perform chest physiotherapy			
	m) Perform postural drainage			
	n) Prepare patient for surgical intervention			
	o) Give pre and post-operative care			
5.1.2 Provide surgical nursing care to a patient with chest injury according to standards	a) Define chest injury	5.1.2.1 Chest injury is correctly described	Written test  Assignment  Oral questioning.	Question paper; Marking scheme  Assignment guide  Checklist
	b) Identify causes of chest injury			
	c) Identify signs and symptoms of chest injury			
	d) Explain diagnostic measures of chest injury			
	e) Explain complications of chest injury			
	f) Clear air way	5.1.2.2 Nursing care to patient with chest injury is correctly provided	Observation of performance	Checklist
	g) Perform resuscitation			
	h) Administer medicines			
	i) Monitor complications			
	j) Refer patient for further management			
5.1.3 Provide nursing care to a patient	a) Define pneumonectomy	5.1.3.1 Pneumonectomy is correctly described	Written test	Question paper; Marking scheme
	b) Identify indications for pneumonectomy			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
with pneumonectomy according to standards	c) Describe post-operative complications of pneumonectomy	5.1.3.2 Care to patient with pneumonectomy is correctly provided	Assignment	Assignment guide
	d) Prepare patient undergoing pneumonectomy		Oral questioning.	Checklist
	e) Give post-operative care to patient		Observation of performance	Checklist
	f) Perform cardiopulmonary exercise test			
	g) Plan for discharge and follow up			
5.1.4 Provide nursing care to a patient with atelectasis and under water seal chest drainage according to standards	a) Define atelectasis and under water seal chest drainage	5.1.4.1 Atelectasis and under water seal chest drainage are correctly described	Written test	Question paper; Marking scheme
	b) Explain causes of atelectasis			
	c) Describe pathophysiology of atelectasis		Assignment	Assignment guide
	d) Explain clinical manifestation of atelectasis		Oral questioning.	Checklist
	e) Explain indications for under water seal chest drainage			
	f) Monitor patient breathing	5.1.4.2 Care to patient with atelectasis and under water seal chest drainage is correctly provided	Observation of performance	Checklist
	g) Teach a client on lung exercises			
	h) Position a client appropriately for easy breathing			
	i) Care for drainage tubes and bottles.			
	j) Prevent infection			
	k) Record chest drain in the observation chart			
5.1.5 Provide nursing care to a patient with thoracic surgery according	a) Define thoracic surgery	5.1.5.1 Thoracic surgery is correctly described	Written test	Question paper; Marking scheme
	b) Identify indications for thoracic surgery		Assignment	Assignment guide
			Oral questioning.	Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
to standards	c) Prepare patient undergoing thoracic surgery	5.1.5.2 Care to patient with thoracic surgery is correctly provided	Observation of performance	Checklist
	d) Give post-operative care to patient			
	e) Monitor for post-operative complication			
	f) Administer medicines			
	g) Perform chest exercise			
	h) Monitor chest drainage system			
	i) Plan for discharge			
5.1.6 Provide nursing care to a patient with lobectomy according to standards	a) Define lobectomy	5.1.6.1 Lobectomy is correctly described	Written test	Question paper; Marking scheme
	b) Identify indications for lobectomy		Assignment	Assignment guide
	c) Describe post-operative complication		Oral questioning.	Checklist
	d) Prepare patient for lobectomy	5.1.6.2 Care to patient undergoing lobectomy is correctly provided	Observation of performance	Checklist
	e) Perform post-operative care			
	f) Perform ambulatory exercises			
	g) Perform cardiopulmonary exercise test			
5.2.1 Provide nursing care to a patient with traction and splints according to standards	h) Plan for discharge	5.2.1.1 Traction/ splint is correctly described	Written test	Question paper; Marking scheme
	a) Define traction, splint			
	b) Identify principles of effective traction			
	c) Identify type of traction	5.2.1.2 Care to patient with traction/ splint is correctly provided	Assignment	Assignment guide
	d) Assess for special needs and problems		Oral questioning.	Checklist
	e) Assist patient in meeting self-care needs		Observation of performance	Checklist
	f) Monitor for infection			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
5.2.2 Provide nursing care to a patient with amputation according to standards	a) Define amputation	5.2.2.1 Amputation is correctly described	Written test	Question paper; Marking scheme
	b) Identify level of amputation		Assignment	Assignment guide
	c) Outline indications for amputation			
	d) Describe complications of amputation		Oral questioning.	Checklist
	e) Assess for special needs and problems	5.2.2.2 Care to patient with amputation is correctly provided	Observation of performance	Checklist
	f) Give wound care			
	g) Give supportive care			
	h) Plan for discharge			
5.2.3 Provide nursing care to a patient with external and internal fixation according to standards	a) Define internal and external fixation	5.2.3.1 Internal and external fixation are correctly described	Written test	Question paper; Marking scheme
	b) Describe methods of external fixation		Assignment	Assignment guide
	c) Explain indication for internal fixation			
	d) Explain methods of internal fixation		Oral questioning.	Checklist
	e) Assess for specific needs and problems	5.2.3.2 Care to patient with external and internal fixation is correctly provided	Observation of performance	Checklist
	f) Administer medicines			
	g) Teach patient on the care of internal and external fixation			
	h) Take care of the fixator and wound			
5.3.1 Provide surgical nursing care to a patient with intestinal obstruction	i) Plan for the continuity of care on discharge			
	a) Define intestinal obstruction	5.3.1.1 Intestinal obstruction is correctly described	Written test	Question paper; Marking scheme
	b) Explain types of intestinal obstruction		Assignment	Assignment guide
	c) Explain causes of intestinal obstruction			
	d) Describe pathophysiology of intestinal obstruction			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
according to standards	e) Explain clinical manifestation of intestinal obstruction		Oral questioning.	Checklist
	f) Assess for special needs and problems	5.3.1.2 Care to patient with intestinal obstruction is correctly provided	Observation of performance	Checklist
	g) Give pre and post-operative care			
	h) Teach patient on prevention of infection			
	i) Plan for discharge			
5.3.2 Provide nursing care to a patient with hernia according to standards	a) Define hernia	5.3.2.1 Hernia is correctly described	Written test	Question paper; Marking scheme
	b) Explain types of hernia		Assignment	Assignment guide
	c) Identify causes of hernia			
	d) Identify diagnostic criteria of hernia			
	e) Explain clinical manifestations of hernia			
	f) Describe pathophysiology of hernia			
	g) Explain complications of hernia		Oral questioning.	Checklist
	h) Assess for special needs and problems	5.3.2.2 Care of patient with hernia is correctly provided	Observation of performance	Checklist
	i) Give pre-operative care			
	j) Give pre and post-operative care			
	k) Give wound care			
	l) Teach patient on prevention of infections			
	m) Plan for discharge			
5.3.3 Provide surgical nursing care to a patient with peritonitis according to standards	a) Define peritonitis	5.3.3.1 Peritonitis is correctly described	Written test	Question paper; Marking scheme
	b) Identify causes of peritonitis		Assignment	Assignment guide
	c) Describe pathophysiology peritonitis			
	d) Explain clinical manifestation of peritonitis			
	e) Identify diagnostic criteria of peritonitis			
	f) Explain complications of peritonitis			
	g) Assess for special needs and problems	5.3.3.2 Care to patient with peritonitis is correctly provided	Observation of performance	Checklist
	h) Give care to patient with peritonitis			
	i) Monitor for complications			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
5.3.4 Provide surgical nursing care to a patient with ulcerative colitis according to standards	a) Define ulcerative colitis	5.3.4.1 Ulcerative colitis is correctly described	Written test	Question paper; Marking scheme
	b) Explain causes of ulcerative colitis			
	c) Describe pathophysiology of ulcerative colitis			
	d) Explain clinical manifestation of ulcerative colitis		Assignment	Assignment guide
	e) Identify diagnostic criteria of ulcerative colitis		Oral questioning.	Checklist
	f) Explain complications of ulcerative colitis			
	g) Give pre-operative care	5.3.4.2 Care to patient with ulcerative colitis is correctly provided	Observation of performance	Checklist
	h) Give post-operative care to a patient with colectomy			
5.3.5 Provide surgical nursing care to a patient with haemorrhoids according to standards	a) Define haemorrhoids	5.3.5.1 Haemorrhoids is correctly described	Written test	Question paper; Marking scheme
	b) Identify causes of haemorrhoids			
	c) Describe pathophysiology of haemorrhoids			
	d) Explain clinical manifestation of haemorrhoids		Assignment	Assignment guide
	e) Identify diagnostic criteria of haemorrhoids		Oral questioning.	Checklist
	f) Explain complications of haemorrhoids			
	g) Assess for special needs and problems	5.3.5.2 Care to patient with haemorrhoids is correctly provided	Observation of performance	Checklist
	h) Give pre and post-operative care			
	i) Teach patient on prevention of infections			
5.3.6 Provide surgical nursing care to a patient with anal abscess and	a) Define anal fissure and anal abscess	5.3.6.1 Anal fissure and abscess is correctly explained	Written test	Question paper; Marking scheme
	b) Explain causes of fissure and anal abscess			
	c) Describe pathophysiology of fissure and anal abscess		Assignment	Assignment guide
	d) Identify diagnostic criteria of fissure and anal abscess			



Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
fissure according to standards	e) Explain clinical manifestation of fissure and anal abscess	5.3.6.2 Care of patient with anal fissure and abscess is correctly provided	Oral questioning.	Checklist
	f) Explain complications of fissure and anal abscess			
	g) Assess for specific needs and problems			
	h) Give pre and post-operative care			
	i) Teach patient on prevention of infections			
5.3.7 Provide nursing care to a patient undergoing gastrectomy and vagotomy according to standards	a) Define gastrectomy and vagotomy	5.3.7.1 Gastrectomy and vagotomy are correctly explained	Written test	Question paper; Marking scheme
	b) State indications for gastrectomy and vagotomy			
	c) Explain complications of gastrectomy and vagotomy			
	d) Give pre and post-operative care	5.3.7.2 Care to a patient with gastrectomy and vagotomy is correctly provided	Assignment	Assignment guide
	e) Teach patient on prevention of infection			
5.3.8 Provide nursing care to a patient undergoing cholecystectomy and choledochomy according to standards	a) Define cholecystostomy and choledochomy	5.3.8.1 Cholecystostomy and choledochomy are correctly explained	Written test	Question paper; Marking scheme
	b) Explain indications for cholecystostomy and choledochomy			
	c) Explain complications of cholecystostomy and choledochomy			
	d) Give pre and post-operative care to patient undergoing cholecystostomy and choledochomy	5.3.8.2 Care to patient undergoing gastrectomy and cholecystostomy is correctly provided	Assignment	Assignment guide
5.4.1 Provide nursing care to a	a) Define nephrectomy	5.4.1.1 Concepts of nephrectomy is properly	Oral questioning.	Checklist
	b) Identify the indication for nephrectomy			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
patient undergoing nephrectomy according to standards	c) Explain complications of nephrectomy	explained	Assignment  Oral questioning.	scheme  Assignment guide  Checklist
	d) Give pre and post-operative care to patient undergoing nephrectomy	5.4.1.2 Care to patient undergoing nephrectomy is correctly provided	Observation of performance	Checklist
5.4.2 Provide nursing care to a patient undergoing nephrostomy according to standards	a) Define nephrostomy	5.4.2.1 Nephrostomy is properly explained	Written test	Question paper; Marking scheme
	b) Identify the indication for nephrostomy		Assignment  Oral questioning.	Assignment guide  Checklist
	c) Explain complications of nephrostomy			
	d) Give pre and post-operative care to patient undergoing nephrostomy	5.4.2.2 Care to patient undergoing nephrostomy is correctly provided	Observation of performance	Checklist
5.4.3 Provide nursing care to a patient undergoing cystectomy according to standards	a) Define cystectomy	5.4.3.1 Concepts of cystectomy properly explained	Written test	Question paper; Marking scheme
	b) Identify the indication for cystectomy		Assignment  Oral questioning.	Assignment guide  Checklist
	c) Explain complications of cystectomy			
	d) Give pre and post-operative care to patient undergoing cystectomy	5.4.3.2 Care are to patient undergoing cystectomy is correctly provided	Observation of performance	Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
5.4.4 Provide nursing care to a patient undergoing cystotomy according to standards	a) Define cystotomy	5.4.4.1 Cystotomy is properly explained	Written test	Question paper; Marking scheme
	b) Identify the indication for cystotomy		Assignment	Assignment guide
	c) Explain complications for cystotomy		Oral questioning.	Checklist
	d) Give pre and post-operative care to patient undergoing cystotomy	5.4.4.2 Care to patient undergoing cystotomy is correctly provided	Observation of performance	Checklist
5.4.5 Provide nursing care to a patient undergoing kidney transplantation according to standards	a) Define kidney transplantation	5.4.5.1 Kidney transplantation is properly explained	Written test	Question paper; Marking scheme
	b) Identify the indication for kidney transplantation		Assignment	Assignment guide
	c) Explain complications of kidney transplantation		Oral questioning.	Checklist
	d) Give pre and post-operative care to patient undergoing kidney transplantation	5.4.5.2 Care to patient undergoing kidney transplantation is correctly provided	Observation of performance	Checklist
5.4.6 Provide nursing care to a patient undergoing peritoneal dialysis and haemodialysis according to standards	a) Define peritoneal dialysis and haemodialysis	5.4.6.1 Peritoneal dialysis and haemodialysis are properly explained	Written test	Question paper; Marking scheme
	b) Identify the indication for peritoneal dialysis and haemodialysis		Assignment	Assignment guide
	c) Explain complications of peritoneal dialysis and haemodialysis		Oral questioning.	Checklist
	d) Give pre and post-operative care to patient undergoing peritoneal dialysis and haemodialysis	5.4.6.2 Care to patient undergoing peritoneal dialysis and haemodialysis is	Observation of performance	Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
		correctly provided		
5.4.7 Perform male circumcision according to standards	a) Define circumcision	5.4.7.1 Male circumcision is properly explained	Written test	Question paper; Marking scheme
	b) Identify the indication for male circumcision		Assignment	Assignment guide
	c) Explain complications of male circumcision		Oral questioning.	Checklist
	d) Prepare patient for male circumcision	5.4.7.2 Male circumcision is properly performed	Observation of performance	Checklist
	e) Conduct STIs and HIV testing			
	f) Prepare equipment for male circumcision			
	g) Circumcise a male client using sterile technique			
	h) Give post circumcision care to promote healing and prevent infections			
5.5.1 Provide nursing care to a patient undergoing craniotomy according to standards	a) Define craniotomy	5.5.1.1 Craniotomy is correctly explained	Written test	Question paper; Marking scheme
	b) Explain indications for craniotomy		Assignment	Assignment guide
	c) Explain complications of craniotomy		Oral questioning.	Checklist
	d) Perform preoperative assessment	5.5.1.2 Care to patient undergoing craniotomy is properly provided	Observation of performance	Checklist
	e) Give psychological support (consent)			
	f) Monitor intracranial pressure			
	g) Administer oxygen			
	h) Give osmotic diuretics			
	i) Administer medicines			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
5.5.2 Provide nursing care to a patient undergoing craniostomy according to standards	a) Define craniostomy	5.5.2.1 Craniostomy is correctly explained	Written test	Question paper; Marking scheme
	b) Identify indication for craniostomy		Assignment	Assignment guide
	c) Explain complications of craniostomy		Oral questioning.	Checklist
	d) Prepare patient for craniostomy	5.5.2.2 Care to the patient undergone craniostomy is correctly provided	Observation of performance	Checklist
	e) Give post-operative care to a patient undergone craniostomy			
5.5.3 Provide nursing care to a patient undergoing laminectomy according to standards	a) Define laminectomy	5.5.3.1 Laminectomy is correctly described	Written test	Question paper; Marking scheme
	b) Explain indications of laminectomy		Assignment	Assignment guide
	c) Explain complications of laminectomy		Oral questioning.	Checklist
	d) Administer medicine	5.5.3.2 Care to patient undergoing laminectomy is properly provided	Observation of performance	Checklist
	e) Apply moist heat and massage muscles			
	f) Give pre-operative care			
	g) Perform post-operative care			
	h) Plan for discharge			
5.5.4 Provide nursing care to a patient undergoing thyroidectomy according to standards	a) Define thyroidectomy	5.5.4.1 Thyroidectomy is correctly explained	Written test	Question paper; Marking scheme
	b) Explain indications for thyroidectomy		Assignment	Assignment guide
	c) Explain complications of thyroidectomy		Oral questioning.	Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	d) Prepare patient for thyroidectomy e) Give post-operative care	5.5.4.2 Care to patient undergone thyroidectomy is correctly provided	Observation of performance	Checklist
5.5.5 Provide nursing care to a patient with head injury according to standards	a) Define head injury b) Explain types/classifications of head injury c) Explain causes of head injury d) Explain pathophysiology of head injury e) Identify signs and symptoms of head injury f) Explain diagnostic measures of head injury g) Explain complications of head injury h) Assess for immediate needs i) Administer medicines j) Monitor vital signs k) Assess level of consciousness l) Give care according to needs and problems	5.5.5.1 Head injury is correctly described  5.5.5.2 Nursing care to patient with head injury is correctly provided	Written test  Assignment  Oral questioning.  Observation of performance	Question paper; Marking scheme  Assignment guide  Checklist  Checklist
5.6.1 Provide nursing care to a patient undergoing myomectomy according to standards	a) Define myomectomy b) Identify indications for myomectomy c) Explain complications of myomectomy d) Give pre and post-operative care	5.6.1.1 Myomectomy is correctly described  5.6.1.2 Care to patient undergoing myomectomy is properly provide	Written test  Assignment  Oral questioning.  Observation of performance	Question paper; Marking scheme  Assignment guide  Checklist  Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
5.6.2 Provide nursing care to a patient undergoing hysterectomy according to standards	a) Define hysterectomy	5.6.2.1 Hysterectomy is correctly described	Written test	Question paper; Marking scheme
	b) Identify indications for hysterectomy		Assignment	Assignment guide
	c) Explain complications of hysterectomy			
	d) Give preoperative care	5.6.2.2 Care to patient undergoing hysterectomy is properly provide	Oral questioning.	Checklist
	e) Give post-operative care			
	f) Perform ambulatory exercises			
	g) Plan for discharge			
5.6.3 Provide nursing care to a patient undergoing oophorectomy according to standards	a) Define oophorectomy	5.6.3.1 Oophorectomy is correctly described	Written test	Question paper; Marking scheme
	b) Identify indications for oophorectomy		Assignment	Assignment guide
	c) Explain complications of oophorectomy			
	d) Prepare patient for oophorectomy	5.6.3.2 Care to patient undergoing oophorectomy is properly provide	Oral questioning.	Checklist
	e) Give post oophorectomy care			
5.6.4 Provide nursing care to a patient undergoing mastectomy according to standards	a) Define mastectomy	5.6.4.1 Mastectomy is correctly described	Written test	Question paper; Marking scheme
	b) Identify indications for mastectomy		Assignment	Assignment guide
	c) Explain complications of mastectomy			
	d) Prepare patient for mastectomy	5.6.4.2 Care to patient undergoing mastectomy is properly provide	Oral questioning.	Checklist
	e) Monitor for postoperative sensation			
	f) Counsel for positive body image			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	g) Monitor for potential complications			
	h) Plan for discharge			
5.6.5 Provide nursing care to a patient undergoing repair of the cervix, Vesico Vaginal Fistula (VVF) and Recto Vaginal Fistula (RVF) according to standards	a) Define fistula, vesicle vagina fistula, rectal vaginal fistula and cervical tear	5.6.5.1 VVF and RVF are correctly stated	Written test	Question paper; Marking scheme
	b) State risk factors for cervical tear, VVF and RVF		Assignment	Assignment guide
	c) Explain complications of cervical tear, VVF and RVF		Oral questioning.	Checklist
	d) Give pre and post-operative care	5.6.5.2 Care to patient undergoing repair of cervix, VVF and RVF is correctly provided	Observation of performance	Checklist
5.6.6 Provide nursing care to a patient undergoing hydrocelectomy according to standards	a) Define hydrocelectomy	5.6.6.1 Hydrocelectomy is correctly explained	Written test	Question paper; Marking scheme
	b) List indications for hydrocelectomy		Assignment	Assignment guide
	c) Explain complications of hydrocelectomy		Oral questioning.	Checklist
	d) Give pre and post-operative care	5.6.6.2 Care to patient undergoing hydrocelectomy is correctly provided	Observation of performance	Checklist
5.6.7 Provide nursing care to a patient undergoing prostatectomy	a) Define prostatectomy	5.6.7.1 Prostatectomy is correctly explained	Written test	Question paper; Marking scheme
	b) Explain indications for prostatectomy		Assignment	Assignment guide
	c) Explain complications of prostatectomy			



Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
my according to standards			Oral questioning.	Checklist
	d) Give pre and post-operative care	5.6.7.2 Care to patient undergoing prostatectomy is correctly provided	Observation of performance	Checklist
6.1.1. Describe concepts of personality development in relation to mental health	a) Define personality development	6.1.1.1 Concepts of personality development are correctly described	Written test	Question paper; Marking scheme
	b) Explain structure of personality		Assignment	Assignment guide
	c) Describe stages of psychosexual development (Freud's theory)			
	d) Describe stages of psychosocial development (Erickson theory)		Oral questioning.	Checklist
	e) Describe stages of cognitive development (Piaget theory)			
6.1.2. Describe psychobiological concepts in relation to the practice of mental health nursing	a) Define neurotransmitters and limbic system	6.1.2.1 Psychobiological concepts in relation to mental health are correctly described	Written test	Question paper; Marking scheme
	b) Describe the structure of limbic system		Assignment	Assignment guide
	c) Explain the roles of neurotransmitters			
	d) Describe association of neural transmitters with development of mental illness		Oral questioning.	Checklist
	e) Describe physiological mechanism by which various psychotropic medication exert their effect			
6.1.3. Describe legal issues related to mental health nursing in the provision of nursing care to mentally ill patient	a) Define law and legal	6.1.3.1 Legal issues related to mental health nursing in the provision of mental health care are correctly described	Written test	Question paper; Marking scheme
	b) Explain legal issues in relation to mental health		Assignment	Assignment guide
	c) Describe parts of mental health act in Tanzania legal system			
	d) Describe the national health Policy and guidelines on mental health services		Oral questioning.	Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
6.1.4. Describe cultural and spiritual issues in caring a patient with mental illness	a) Define culture and spiritual	6.1.4.1 Cultural and spiritual issues in relation to mental health care are correctly described	Written test	Question paper; Marking scheme
	b) Explain culture and spiritual issues		Assignment	Assignment guide
	c) Explain cultural and spiritual factors influencing mental health and illness			
	d) Identify client's spiritual and religious needs		Oral questioning.	Checklist
6.2.1 Provide psychological therapies to a patient with mental illness according to guidelines	a) Define psychological therapy	6.2.1.1 Psychological therapies are correctly described	Written test	Question paper; Marking scheme
	b) Describe psychological therapies		Assignment	Assignment guide
			Oral questioning.	Checklist
	c) Give psychological therapies	6.2.1.2 Psychological therapies are correctly provided	Observation of performance	Checklist
6.2.2 Provide psychosocial therapies to patient with mental disorders according to guidelines and protocols	a) Define psychosocial therapies	6.2.2.1 Psychosocial therapies are correctly described	Written test	Question paper; Marking scheme
	b) Describe the psychosocial therapies		Assignment	Assignment guide
			Oral questioning.	Checklist
	c) Assess patients for psychosocial therapy	6.2.2.2 Psychosocial therapies are correctly provided	Observation of performance	Checklist
	d) Give psychosocial therapy			
6.2.3 Provide physical therapies to patients with mental	a) Define physical therapy	6.2.3.1 Physical therapies are correctly described	Written test	Question paper; Marking scheme
	b) Explain types of physical therapies		Assignment	Assignment
	c) Explain advantages and disadvantages of each physical therapy			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
disorders according to standards	d) State indications of physical therapy		Oral questioning.	guide
	e) Explain process of administering physical therapy			Checklist
	f) Explain mode of action			
	g) Explain complications of physical therapy			
	h) Prepare patient for Electroconvulsive Therapy (ECT)	6.2.3.2 Physical therapies are correctly provided	Observation of performance	Checklist
	i) Give care during ECT			
	j) Give care after ECT			
	k) Monitor for complications of ECT			
6.2.4 Provide pharmacotherapy to patients with mental disorders according to standards	a) Define pharmacotherapy	6.2.4.1 Pharmacotherapies are correctly described	Written test	Question paper; Marking scheme
	b) Describe pharmacotherapies		Assignment	Assignment guide
			Oral questioning.	Checklist
	c) Administer pharmacotherapies	6.2.4.2 Pharmacotherapies are correctly provided	Observation of performance	Checklist
	d) Monitor for side effects of pharmacotherapies			
6.3.1 Provide care to patients with personality disorders according to standards	a) Define personality and personality disorder	6.3.1.1 Concepts of personality disorders are correctly described	Written test	Question paper; Marking scheme
	b) Describe types of personality disorders		Assignment	Assignment guide
			Oral questioning	Checklist
	c) Assess for personality disorders	6.3.1.2 Care to patients with personality disorders is correctly provided	Observation of performance	Checklist
	d) Give care to patient with personality disorder			
	e) Refer a patient for further management			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
6.3.2 Provide nursing care to patients with dissociative and somatoform disorders according to standards	a) Define somatoform and dissociative disorders	6.3.2.1 Concepts of somatoform and dissociative disorders are correctly described	Written test	Question paper; Marking scheme
	b) Describe types of somatoform and dissociative disorders		Assignment	Assignment guide
	c) Identify etiology of somatoform and dissociative disorder		Oral questioning.	Checklist
	d) Assess for somatoform and dissociative disorders	6.3.2.2 Care to patient with Somatoform and dissociative disorders is correctly provided	Observation of performance	Checklist
	e) Give care to clients/patients with somatoform and dissociative disorders			
	f) Refer patients/ clients for further management			
6.3.3 Provide nursing care to patients with mood disorders according to standards	a) Define mood and mood disorders	6.3.3.1 Concepts of mood disorders are correctly described	Written test	Question paper; Marking scheme
	b) Describe types of mood disorders		Assignment	Assignment guide
			Oral questioning.	Checklist
	c) Assess for mood disorder	6.3.3.2 Care to patient with mood disorders is correctly provided	Observation of performance	Checklist
	d) Give care to clients/patients with mood disorders			
	e) Refer patients/ clients for further management			
6.3.4 Provide nursing care to patients with psychotic disorders according to standards	a) Define psychotic disorder	6.3.4.1 Concepts of psychotic disorders are correctly described	Written test	Question paper; Marking scheme
	b) Describe types of psychotic disorders		Assignment	Assignment guide
			Oral questioning.	Checklist
	c) Assess for psychotic disorders	6.3.4.2 Care to patients with psychotic disorders is	Observation of performance	Checklist
	d) Give care to patients/clients with psychotic disorders			

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	e) Refer patients/ clients for further management	correctly provided		
6.3.5 Provide care to patients with cognitive disorders according to standards	a) Define cognitive disorders	6.3.5.1 Concepts of cognitive disorders correctly are described	Written test	Question paper; Marking scheme
	b) Describe types of cognitive disorders		Assignment	Assignment guide
			Oral questioning.	Checklist
	c) Assess for cognitive disorders	6.3.5.2 Care to patients with cognitive disorders is correctly provided	Observation of performance	Checklist
	d) Give care to patients with cognitive disorders			
	e) Refer patients for further management			
6.3.6 Provide care to special group with mental illness according to guidelines and standards	a) Define special group	6.3.6.1 Common mental conditions affecting are correctly described	Written test	Question paper; Marking scheme
	b) Identify special group with mental illness		Assignment	Assignment guide
	c) Describe common mental conditions affecting children, adolescent and old people		Oral questioning.	Checklist
	d) Give care to children, adolescents and older people with mental disorders	6.3.6.2 Care to special group with mental illness is correctly provided	Observation of performance	Checklist
	e) Give psychosocial care to victim of abuse or neglect			
6.3.7 Provide rehabilitative and domiciliary care to a patient with mental illness	a) Define community psychiatry, rehabilitation and domiciliary care	6.3.7.1 Concepts of community mental health are correctly described	Written test	Question paper; Marking scheme
	b) Explain concepts of community mental health (prevention of mental illness, early detection and treatment, continuity of care, group and family therapy, community support and control)		Assignment	Assignment guide
			Oral questioning.	Checklist

Sub Enabling Outcome	Related Tasks	Assessment Criteria	Assessment Methods	Assessment Instruments
	c) Explain roles of a nurse in community mental health	6.3.7.2 Rehabilitative and domiciliary care is properly provided	Observation of performance  Case study	Checklist  Checklist
	d) Explain roles of the family members in caring for a mentally ill patient			
	e) Identify mentally ill patients in the community			
	f) Provide domiciliary care to a patient with mental illness (Counselling, education, medicine administration and compliance, follow-up, )			
	g) Rehabilitate a mentally ill patient			
	h) Conduct outreach mental health services			
6.3.8 Provide care to patients with psychiatric emergencies according to standards and guidelines	a) Define psychiatry emergency	6.3.8.1 Concepts of psychiatric emergency are correctly described	Written test	Question paper; Marking scheme
	b) Describe common psychiatry emergencies		Assignment	Assignment guide
			Oral questioning	Checklist
	c) Perform risk assessment	6.3.7.2 Care to patients with psychiatric emergencies is correctly provided	Observation of performance	Checklist
	d) Give immediate care to prevent harm to patient and others			
	e) Administer treatment			
	f) Refer patients for further management			

## 12.2 BENCHMARKS FOR ASSESSMENT CRITERIA

ASSESSMENT CRITERIA	BENCHMARKING The learner: has knowledge/skills of, ability to, can.....		
	Satisfactory	Good	Excellent
1.1.1.1 Concepts of supervision in nursing and midwifery practices are correctly described	Define a supervisor, supportive supervision and explain the qualities of a supervisor and outline roles of a supervisor	Define a supervisor, supportive supervision, explain the qualities of a supervisor , outline roles of a supervisor and differentiate between supervisor, leader and manager	Define a supervisor, supportive supervision, explain the qualities of a supervisor , outline roles of a supervisor, differentiate between supervisor, leader and manager, outline importance of supportive supervision and explain principles of supportive supervision
1.1.2.1 Supportive supervision is correctly explained	Define supportive supervision and outline the importance of supportive supervision	Define supportive supervision, outline the importance of supportive supervision and explain stages of supportive supervision	Define supportive supervision, outline the importance of supportive supervision, explain stages of supportive supervision and identify tools for supportive supervision
1.1.2.2 Supportive supervision is correctly conducted	Identify gaps in provision of nursing services and develop supportive supervision plan	Identify gaps in provision of nursing services, develop supportive supervision plan and give technical support	Identify gaps in provision of nursing services, develop supportive supervision plan, give technical support, give on job training and write supportive supervision report
1.1.3.1 Concepts of orientation are correctly explained	Define term orientation, outline the purpose of orientation and explain two key areas for orientation	Define term orientation, outline the purpose of orientation and explain four key areas for orientation	Define term orientation, outline the purpose of orientation and explain seven key areas for orientation
1.1.3.2 Orientation to newly employed nurses is correctly conducted	Orient newly employed nurses and midwives on job description, policy, guidelines and regulations.	Orient newly employed nurses and midwives on job description, policy, guidelines and regulations and organizational structure	Orient newly employed nurses and midwives on job description, policy, guidelines and regulations, organizational structure, safety measures and personnel benefits
1.1.1.1 Concepts of bleeding in early pregnancy are correctly	Define abortion, ectopic pregnancy and hydatidiform mole, explain types, causes and signs and	Define abortion, ectopic pregnancy and hydatidiform mole, explain types, causes, signs and symptoms and	Define abortion, ectopic pregnancy and hydatidiform mole, explain types, causes, signs and symptoms, classifications and

described	symptoms of abortion, ectopic and hydatidiform mole.	classifications of abortion, ectopic and hydatidiform mole.	complications of abortion, ectopic and hydatidiform mole.
2.1.1.2 Care of a woman with bleeding in early pregnancy is correctly provided	Assess a woman with bleeding in early pregnancy (abortion, ectopic pregnancy and hydatidiform mole)	Assess and counsel a woman with bleeding in early pregnancy (abortion, ectopic pregnancy and hydatidiform mole)	Assess, counsel and give care to a woman with bleeding in early pregnancy (abortion, ectopic pregnancy and hydatidiform mole) including performing Manual Vacuum Aspiration (MVA)
3.1.1.1 Concepts of ecology of disease are correctly explained	Define disease, ecology, disease ecology and disease causation and identify disease causation models	Define disease, ecology, disease ecology and disease causation, identify disease causation models, explain components of etiological disease causation model	Define disease, ecology, disease ecology and disease causation, identify disease causation models, explain components of etiological disease causation model and the interaction between the host, agent and environment using the triangular model.
4.1.1.1 Bronchitis is correctly described	Define bronchitis, identify types, state causes and explain pathophysiology of bronchitis	Define bronchitis, identify types, state causes, explain pathophysiology and signs and symptoms of bronchitis	Define bronchitis, identify types, state causes, explain pathophysiology, signs and symptoms, explain diagnostic measures and list complications of bronchitis
4.1.1.2 Nursing care to a patient with bronchitis is correctly provided	Monitor vital signs, position patient in semi-fowlers position and administer medicines	Monitor vital signs, position patient in semi-fowlers position, administer medicines and monitor input and output	Monitor vital signs, position patient in semi-fowlers position, administer medicines, monitor input and output and nutrition status
5.1.2.1 Chest injury is correctly described	Define chest injury and identify causes, signs and symptoms of chest injury	Define chest injury, identify causes, signs and symptoms and explain diagnostic measures of chest injury	Define chest injury, identify causes, signs and symptoms, explain diagnostic measures and complications of chest injury diagnostic measures of chest injury
5.1.2.2 Nursing care to patient with chest injury is correctly provided	Clear airway, perform resuscitation and administer medicines,	Clear airway, perform resuscitation, administer medicines, monitor complications of chest injury	Clear airway, perform resuscitation, administer medicines, monitor complications of chest injury and refer patient for further management.



6.2.3.1 Physical therapies are correctly described	Define physical therapy, explain types, advantages and disadvantages and indications of physical therapies	Define physical therapy, explain types, advantages and disadvantages, indications and process of administering physical therapies	Define physical therapy, explain types, advantages and disadvantages, indications, process of administering physical therapies, mode of action and complications of physical therapy
6.3.3.2 Physical therapies are correctly provided	Prepare patient for electroconvulsive therapy and give care during the procedure	Prepare patient for electroconvulsive therapy and give care during and after the procedure	Prepare patient for electroconvulsive therapy, give care during and after the procedure, monitor for complications and refer patient for further management

## **13.0 DESCRIPTION OF PROGRAMME MODULES**

### **13.1 Module One: Care of a Woman with Abnormal Pregnancy, Labour and Puerperium**

**13.1.1 Module Code:** NMT 06101

**13.1.2 Module Title:** Care of a Woman with Abnormal Pregnancy, Labour and Puerperium

**13.1.3 Number of Credits:** 19

#### **13.1.4 Sub enabling outcomes:**

- 2.1.1 Provide care to a pregnant woman with bleeding conditions due to abortion, ectopic pregnancy and hydatidiform mole according to standards
- 2.1.2 Provide care to a pregnant woman with Antepartum Haemorrhage (placenta praevia and abruption) according to guidelines and protocols
- 2.1.3 Provide care to a pregnant woman with Urinary Tract Infections (UTIs) and syphilis according to protocols and guidelines
- 2.1.4 Provide care to a pregnant woman with anaemia, cardiac diseases and diabetes mellitus according to standards and protocols
- 2.1.5 Provide care to a pregnant woman with Pulmonary Tuberculosis (PTB) and malaria according to protocols and guidelines
- 2.1.6 Provide care to a pregnant woman with disorders of amniotic fluid according to guidelines and standards
- 2.1.7 Provide care to a pregnant woman with hypertensive disorders of pregnancy according to guidelines and standards
- 2.1.8 Provide care to a pregnant woman with Hyperemesis gravidarum according to standards and guidelines
- 2.2.1 Provide care to a woman with abnormal uterine action according to standards and guidelines
- 2.2.2 Provide care to a woman with prolonged labour according to standards and guidelines
- 2.2.3 Provide care to a woman with obstructed labour according to standards and protocols
- 2.2.4 Provide care to a woman with precipitate labour according to standards
- 2.2.5 Conduct vacuum extraction delivery according to standards and guidelines
- 2.2.6 Provide care to a woman undergoing caesarean section according to standards and protocols
- 2.2.7 Provide care to a woman during induction, augmentation and trial of labour according to standards and guidelines
- 2.2.8 Provide care to a woman with preterm labour and premature rupture of membranes according to standards
- 2.3.1 Provide care to a woman with breech presentation according to standards
- 2.3.2 Provide care to a woman with face presentation according to standards
- 2.3.3 Provide care to a woman with brow presentation according to standards

- 2.3.4 Provide care to a woman with shoulder presentation according to standards
- 2.3.5 Provide care to a woman with unstable lie and compound presentation according to standards
- 2.3.6 Provide care to a woman with occipital posterior position according to standards
- 2.3.7 Provide care to a woman with multiple pregnancy according to standards
- 2.5.1 Provide care to a woman with puerperal sepsis according to standards and guidelines
- 2.5.2 Provide care to a woman with puerperal psychosis according to guidelines and protocols
- 2.5.3 Provide care to a woman with breast infections according to guidelines and protocols
- 2.5.4 Provide care to a woman with sub-involution of uterus according to guidelines and protocols
- 2.5.5 Provide care to a woman with venous thrombosis according to guidelines and protocols
- 2.5.6 Provide care to a woman with urine incontinence according to guidelines and protocols

#### **13.1.5 Prerequisite modules:**

None

#### **13.1.6 Teaching and Learning Context:**

This module will be facilitated through Lecture Discussion, Case Study, and Practice in Skills Laboratory, Assignments, Demonstration, Clinical Practice and Tutorials.

#### **13.1.7 Teaching and Learning Resources:**

In this module the following teaching and learning materials will be used: Textbooks, Projector, Computer, Anatomical charts, Mannequin, Midwifery models, Writing boards and Marker pens, and Chalks and Flip chart, Delivery book, Practical procedure book.

#### **13.1.8 Modes of Assessment**

<b>Continuous Assessment:</b>	<b>40%</b>
Written tests	10%
Assignment reports	05%
Practical examination	
OSPE/OSCE	10%
Case study	05%
Practical procedure books	05%
Delivery books	05%
 <b>End of Semester Examination:</b>	 <b>60%</b>
Written examination	25%
Clinical examination	35%

**References:**

- Bennett, R.V., & Brown, L.K. (1996). *Myles Textbook for Midwives* (12<sup>th</sup> Ed.). UK: Churchill Livingstone Elsevier
- Bennett, R.V., & Brown, L.K. (2001). *Myles Textbook for Midwives* (13<sup>th</sup> Ed.). UK: Churchill Livingstone Elsevier
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- Ministry of Health and Social Welfare. (2013). *Malaria Diagnosis and treatment training manual*. Dar es Salaam: National Malaria control Programme. MoHSW
- Ministry of Health and Social Welfare. (2005). *Advanced life saving skills training manual. (Volume 2)*. Dar es Salaam: Reproductive and Child Health section. MoHSW
- Ministry of Health and Social Welfare. (2007). *Tanzania National PMTCT Guidelines*. MoHSW
- WHO. (2000) *Managing Complications in Pregnancy and Child Birth: A Guide for Doctors and Midwives*. Geneva: WHO

## **13.2 Module Two: Care of a Woman with Obstetric Emergency Conditions**

**13.2.1 Module Code:** NMT 06102

**13.2.2 Module Title:** Care of a Woman with Obstetric Emergency Conditions

**13.2.3 Number of Credits:** 6

### **13.2.4 Sub enabling outcomes:**

- 2.4.1 Describe concepts of obstetric emergency in relation to midwifery practice
- 2.4.2 Provide care to a woman in labour with cord presentation and prolapse according to guidelines and standards
- 2.4.3 Provide care to a woman with amniotic fluid embolism and Disseminated Intravascular Coagulopathy (DIC) according to guidelines and standards
- 2.4.4 Provide care to a woman with ruptured uterus according to guidelines and protocols
- 2.4.5 Provide care to a woman in labour with shoulder dystocia according guidelines and standards
- 2.4.6 Provide care to a woman with acute inversion of the uterus according to guidelines and protocols
- 2.4.7 Provide care to a woman with post-partum haemorrhage (PPH) according to guidelines and protocols
- 2.4.8 Provide care to a woman with obstetric shock according to guidelines and protocols

### **13.2.5 Prerequisite modules:**

None

### **13.2.6 Teaching and Learning Context:**

This module will be facilitated through Lecture Discussion, Case Study, and Practice in Skills Laboratory, Assignments, Demonstration, Clinical Practice and Tutorials

### **13.2.7 Teaching and Learning Resources:**

In this module the following teaching and learning materials will be used: Textbooks, Projector, Computer, Anatomical charts, Mannequin, Midwifery models, Writing boards and Marker pens, and Chalks and Flip chart, Delivery book, Practical procedure book

### **13.2.8 Modes of Assessment**

<b>Continuous Assessment:</b>	<b>40%</b>
Written tests	10%
Assignment reports	05%
Practical examination	
OSPE/OSCE	10%
Case study	05%
Practical procedure books	05%
Delivery books	05%
<b>End of Semester Examination:</b>	<b>60%</b>
Written examination	25%
Clinical examination	35%

**References:**

- Bennett, R.V., & Brown, L.K. (1996). *Myles Textbook for Midwives* (12<sup>th</sup> Ed.). UK: Churchill Livingstone Elsevier
- Bennett, R.V., & Brown, L.K. (2001). *Myles Textbook for Midwives* (13<sup>th</sup> Ed.). UK: Churchill Livingstone Elsevier
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- Ministry of Health and Social Welfare. (2005). *Advanced life-saving skills training manual (Volume 2)*. Dar es Salaam: Reproductive and Child Health section: MoHSW
- World Health Organization. (2000). *Managing Complications in Pregnancy and Child Birth: A Guide for Doctors and Midwives*. Geneva: WHO

### **13.3 Module Three: Care of Newborns with Abnormal Conditions**

#### **13.3.1 Module Code:** NMT 06103

#### **13.3.2 Module Title:** Care of Newborns with Abnormal Conditions

#### **13.3.3 Number of Credits:** 5

#### **13.3.4 Sub enabling outcomes:**

- 2.6.1 Provide care to a newborn with soft tissue injuries according to standards
- 2.6.2 Provide care to a newborn with haemorrhage according to standards and protocols
- 2.6.3 Provide care to a newborn with fractures and dislocations according to standards
- 2.7.1 Provide care to a preterm baby according to guidelines and protocols
- 2.7.2 Provide care to a newborn with birth asphyxia according to guidelines and standards
- 2.7.3 Provide care to small for gestation age baby according guidelines and standards
- 2.8.1 Provide care to a newborn with gastrointestinal malformations according to guidelines and protocols
- 2.8.2 Provide care to a newborn with central nervous system disorders according to standards
- 2.8.3 Provide care to a newborn with musculoskeletal malformations according to standards
- 2.8.4 Provide care to a newborn with uro-genital abnormalities according to standards
- 2.8.5 Provide care to a newborn with genetic disorders according to standards
- 2.8.6 Provide care to a newborn with haemolytic disorders according to standards
- 2.8.7 Provide care to a newborn with metabolic disorders according to guidelines and standards
- 2.8.8 Provide care to newborn with infections according to guidelines and standards

#### **13.3.5 Prerequisite modules:**

None

#### **13.3.6 Teaching and Learning Context:**

This module will be facilitated through Lecture Discussion, Case Study, and Practice in Skills Laboratory, Assignments, Demonstration, Clinical Practice and Tutorials

#### **13.3.7 Teaching and Learning Resources:**

In this module the following teaching and learning materials will be used: Textbooks, Projector, Computer, Anatomical charts, Mannequin, Writing boards and Marker pens, and Chalks and Flip chart, Practical procedure book

### **13.3.8 Modes of Assessment**

<b>Continuous Assessment:</b>	<b>40%</b>
Written tests	15%
Assignment reports	05%
Practical examination	
OSPE/OSCE	10%
Case study	05%
Practical procedure books	05%
 <b>End of Semester Examination:</b>	 <b>60%</b>
Written examination	25%
Clinical examination	35%



**References:**

- Bennett, R.V., & Brown, L.K. (1996). *Myles Textbook for Midwives* (12<sup>th</sup> Ed.). UK: Churchill Livingstone Elsevier
- Bennett, R.V., & Brown, L.K. (2001). *Myles Textbook for Midwives* (13<sup>th</sup> Ed.). UK: Churchill Livingstone Elsevier
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- Ministry of Health and Social Welfare. (2010). *Standards-Based Management and Recognition for Improving Quality in Maternal and Newborn Care*. Dar es Salaam: MoHSW
- World Health Organization. (2000). *Managing Complications in Pregnancy and Child Birth: A Guide for Doctors and Midwives*. Geneva: WHO
- World Health Organization. (2003). *Manage Newborn Problems: A guide for Doctors, Nurses and Midwives*. Geneva:

## **13.4 Module Four: Supervision in Nursing and Midwifery Practice**

**13.4.1 Module Code:** NMT 06104

**13.4.2 Module Title:** Supervision in Nursing and Midwifery Practice

**13.4.3 Number of Credits:** 12

### **13.4.4 Sub enabling outcomes:**

- 1.1.1 Describe concepts of supervision in the context of nursing and midwifery practice
- 1.1.2 Conduct supportive supervision according to guidelines
- 1.1.3 Conduct orientation to newly employed nurses and midwives by utilizing knowledge and skills of supportive supervision
- 1.1.4 Mentor staff and students at work place by utilizing knowledge and skills of supportive supervision
- 1.1.5 Facilitate availability and accessibility of health policies and guidelines for nursing and midwifery practice
- 1.2.1 Prepare duty roster, annual leave, job allocation and schedules according to guidelines and protocols
- 1.2.2 Prepare a budget for the department or facility by using guidelines and protocols
- 1.2.3 Allocate/relocate resources (human and non-human, equipment and supplies) by using guidelines and protocols
- 1.2.4 Utilize quality improvement standards in the provision of quality nursing care at work place
- 1.2.5 Coordinate departmental/unit nursing and midwifery activities according to standards
- 1.2.6 Monitor nursing and midwifery services according to guidelines and protocols
- 1.3.1 Motivate staff according to guidelines and interpersonal skills
- 1.3.2 Provide counselling on staff performance by using guidelines
- 1.3.3 Solve disputes or conflicts among staff and between staff and clients by using conflict resolution strategies
- 1.3.4 Take disciplinary actions to staff according to disciplinary guidelines and regulations
- 1.3.5 Appraise staff performance according to standards
- 1.3.6 Build a working team according to interpersonal skills and guidelines

### **13.4.5 Prerequisite modules:**

None

### **13.4.6 Teaching and Learning Context:**

This module will be facilitated through Lecture Discussion, Case Study, Assignments, Clinical Practice and Tutorials

### **13.4.7 Teaching and Learning Resources:**

In this module the following teaching and learning materials will be used: Textbooks, Projector, Computer, Writing boards and Marker pens, Chalks and Flip chart, and Practical procedure book

### **13.4.8 Modes of Assessment**

<b>Continuous Assessment:</b>	<b>40%</b>
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Written tests	15%
Assignment reports	05%
Clinical examination	15%
Practical procedure books	05%

<b>End of Semester Examination:</b>	<b>60%</b>
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Written examination	25%
Clinical examination	35%

**References:**

- Diane L. H. (2006) *Leadership and Nursing Care Management*. (3<sup>rd</sup> Ed.) New Delhi: Elsevier Saunders
- Koontz, H. & Weihrich H. (2005). *Essentials of Management, an International perspective* (6<sup>th</sup> Ed.) New Delhi: MacGraw-Hill
- Kozier & Erb's (2014) *Fundamentals of Nursing Concepts and Practice*. (9<sup>th</sup> Ed.) Audreney Bernman Shorlee Spyder
- Marquis B.L. (2009), *Leadership Roles and Management Functions in Nursing*. (6<sup>th</sup> Ed.) Lippincott: Philadelphia.
- Ministry of Health and Social welfare, (2000). *Quality Assurance Training Guidelines for Health Workers*. Dar es Salaam Tanzania: MoHSW
- Sullivan, E.J.&Decker .P.J. (2009), *Effective Leadership and Management in Nursing*, (7<sup>th</sup> Ed.), Pearson Prentice Hall, New Jersey.
- World Health Organization. (1992). *On Being In-charge, A Guide to Management in Primary Health Care* (2<sup>nd</sup> Ed.). WHO, Switzerland: Geneva.

### **13.5 Module Five: Basics of Epidemiology and Biostatistics**

**13.5.1 Module Code:** NMT 06105

**13.5.2 Module Title:** Basics of Epidemiology and Biostatistics

**13.5.3 Number of Credits:** 6

**13.5.4 Sub enabling outcomes:**

- 3.1.1 Describe ecology of disease and models of disease causation in the context of nursing and midwifery practice
- 3.1.2 Describe natural history of disease and levels of prevention in nursing and midwifery practice
- 3.1.3 Describe principles of disease transmission in nursing and midwifery practice
- 3.1.4 Describe strategies of disease control in nursing and midwifery practice
- 3.1.5 Explain sources and uses of morbidity and mortality data in nursing and midwifery practice
- 3.1.6 Describe epidemiological studies as applied to nursing and midwifery practice
- 3.1.7 Explain concepts of testing and screening in nursing and midwifery practice
- 3.2.1 Explain concepts of biostatistics, population and samples
- 3.2.2 Describe different types of data and data presentation
- 3.2.3 Calculate measures of central tendencies and dispersion by using knowledge of biostatistics
- 3.2.4 Describe levels of measurements by using knowledge of biostatistics

**13.5.5 Prerequisite modules:**

None

**13.5.6 Teaching and Learning Context:**

This module will be facilitated through Lecture Discussion, Case Study, Assignments and Tutorials

**13.5.7 Teaching and Learning Resources:**

In this module the following teaching and learning materials will be used: Textbooks, Projector, Computer, Writing boards and Marker pens, Chalks and Flip chart, and Practical procedure book

**13.5.8 Modes of Assessment**

<b>Continuous Assessment:</b>	<b>40%</b>
Written tests	30%
Assignment reports	10%
 <b>End of Semester Examination:</b>	 <b>60%</b>
Written examination	60%

**References:**

- Keneth, J. R., Sander, G., & Timothy, L.L. (2008). *Modern Epidemiology* (3<sup>rd</sup> Ed.). Philadelphia: Lippincott Williams and Wilkins.
- Bety R. K., & Jonathan A. C. S. (2003) *Medical Statistics* (2<sup>nd</sup> Ed.), Massachusetts: Blackwell Publishing Company
- Gary D. F. (2004). *Primer of Epidemiology* (5<sup>th</sup> Ed.) New York: McGraw-Hill
- Bonita R., Beaglehole R. & Kjellstrom (2006) *Basic Epidemiology* (2<sup>nd</sup> Ed.) Geneva: WHO
- Basavanthappa B. T. (2008). *Community Health Nursing* (2<sup>nd</sup> Ed) New Delhi. Jaypee Brothers

## **13.6 Module Six: Fundamentals of Research**

**13.6.1 Module Code:** NMT 06106

**13.6.2 Module Title:** Fundamentals of Research

**13.6.3 Number of Credits:** 9

### **13.6.4 Sub enabling outcomes:**

- 3.3.1 Describe basic concepts of action research in nursing and midwifery practice
- 3.3.2 Develop research proposal by applying knowledge of research
- 3.3.3 Collect data for a research study by using knowledge of research
- 3.3.4 Process research data by using statistical package
- 3.3.5 Produce research report by using knowledge of research

### **13.6.5 Prerequisite modules:**

NMT 06105. Basics of Epidemiology and Biostatistics

### **13.6.6 Teaching and Learning Context:**

This module will be facilitated through Lecture Discussion, Case Study, Assignments, and Tutorials

### **13.6.7 Teaching and Learning Resources:**

In this module the following teaching and learning materials will be used: Textbooks, Projector, Computer, Writing boards and Marker pens, Chalks and Flip chart, and Practical procedure book

### **13.6.8 Modes of Assessment**

<b>Continuous Assessment:</b>	<b>40%</b>
Written tests	20%
Research proposal	20%
<b>End of Semester Examination:</b>	<b>60%</b>
Written examination	25%
Research report	35%

**References:**

- Polit. F.D., & Beck. T.M. (2003) *Nursing Research Principles and Method.* (7<sup>th</sup> Ed.) Philadelphia: Lippincott William and Wilkin
- LoBiondo-Wood. G & Huber J. (2002) *Nursing Research Methods, Critical Appraisal and Utilization.* (5<sup>th</sup> Ed.) St. Louis Mosby
- Burns, N., & Grove K.S. (2005). *The Practice of Nursing Conduct, Critique and Utilization* (5<sup>th</sup> Ed.) Elsevier Saunders
- Brink, H. (2006) *Fundamental of Research Methodology for Health Care Profession* (2<sup>nd</sup> Ed.) Cape Town: Juta
- Kothari C. R. (2004) *Research Methodology, Methods and Technique* (2<sup>nd</sup> Ed.) University of Rajasthan, Jaipur, India: New Age International Ltd Publishers



## **13.7 Module Seven: Care of Patients with Medical Conditions**

**13.7.1 Module Code:** NMT 06207

**13.7.2 Module Title:** Care of Patients with Medical Conditions

**13.7.3 Number of Credits:** 20

### **13.7.4 Sub enabling outcomes:**

- 4.1.1 Provide nursing care to a patient with bronchitis according to standards
- 4.1.2 Provide nursing care to a patient with pleurisy according to standards
- 4.1.3 Provide nursing care to a patient with pleural effusion according to standards
- 4.1.4 Provide nursing care to a patient with adenitis according to standards
- 4.2.1. Provide nursing care to a patient with rheumatic heart disease according to standards
- 4.2.2. Provide nursing care to a patient with Congestive Cardiac Failure (CCF) according to standards
- 4.2.3. Provide nursing care to a patient with phlebitis according to standards
- 4.2.4. Provide nursing care to a patient with pericarditis, myocarditis and endocarditis according to standards
- 4.2.5. Provide nursing care to a patient with angina pectoris and myocardial infarction according to standards
- 4.2.6. Provide nursing care to a patient with arteriosclerosis and atherosclerosis according to standards
- 4.2.7. Provide nursing care to a patient with bleeding disorders according to standards
- 4.2.8. Provide nursing care to a patient with hypertension according to standards
- 4.3.1 Provide nursing care to a patient with osteomyelitis according to standards
- 4.3.2 Provide nursing care to a patient with osteoarthritis according to standards
- 4.3.3 Provide nursing care to a patient with rheumatoid arthritis according to standards
- 4.3.4 Provide nursing care to a patient with gout according to standards
- 4.3.5 Provide nursing care to a patient with gangrene according to standards
- 4.3.6 Provide nursing care to a patient with myositis and pyomyositis according to standards
- 4.4.1 Provide nursing care to a patient with hepatitis according to standards
- 4.4.2 Provide nursing care to a patient with liver cirrhosis according to standards
- 4.4.3 Provide nursing care to a patient with liver abscess according to standards
- 4.4.4 Provide nursing care to a patient with cholecystitis according to standards
- 4.4.5 Provide nursing care to a patient with cholelithiasis according to standards
- 4.4.6 Provide nursing care to a patient with hepatic coma according to standards
- 4.5.1 Provide nursing care to a patient with renal failure according to standards
- 4.5.2 Provide nursing care to a patient with glomerulonephritis according to standards

- 4.5.3 Provide nursing care to a patient with hydronephrosis and urolithiasis according to standards
- 4.5.6 Provide nursing care to a patient with epididymo-orchitis according to standards
- 4.6.1 Provide nursing care to a patient with hyperthyroidism and hypothyroidism according to standards
- 4.6.2 Provide nursing care to a patient with pancreatitis according to standards
- 4.6.3 Provide nursing care to a patient with Cushing syndrome according to standards
- 4.6.4 Provide nursing care to a patient with encephalitis according to standards
- 4.6.5 Provide nursing care to a patient with Cerebral Vascular Accident (CVA) according to guidelines
- 4.6.6 Provide nursing care to a patient with paralysis according to standards
- 4.6.7 Provide nursing care to a patient with brain abscess according to standards
- 4.8.1 Conduct basic assessment of the eye and vision to a client with eye problems according to standards
- 4.8.2 Provide nursing care to a patient with eye degenerative changes according to standards
- 4.8.3 Provide nursing care to a patient with eye refractive errors according to standards

#### **13.7.5 Prerequisite modules:**

None

#### **13.7.6 Teaching and Learning Context:**

This module will be facilitated through Lecture Discussion, Case Study, and Practice in Skills Laboratory, Assignments, Demonstration, Clinical Practice and Tutorials.

#### **13.7.7 Teaching and Learning Resources:**

In this module the following teaching and learning materials will be used: Textbooks, Projector, Computer, Anatomical charts, Mannequin, Writing boards and Marker pens, Chalks, Flip chart, and Practical procedure book

#### **13.7.8 Modes of Assessment**

<b>Continuous Assessment:</b>	<b>40%</b>
Written tests	10%
Assignment reports	05%
Practical examination	
OSPE/OSCE	10%
Case presentation	10%
Practical procedure books	05%
<b>End of Semester Examination:</b>	<b>60%</b>
Written examination	25%
Clinical examination	35%

**References:**

- Dossey, M.B., Guzzetta, C. E., & Kenner, C. V. (1992). *Critical Care Nursing; Body-Mind-Spirit*. (3<sup>rd</sup> Ed.) Philadelphia: J.B. Lippincott Company.
- Monahan, F.D., Sands, J.K., Neighbors, M., Marek, J.F. & Green, C.J. (2007). *Phipps' Medical-Surgical Nursing: Health and Illness Perspectives*. (8<sup>th</sup> Ed.) Philadelphia, Mosby Elsevier
- Perry, A. G., & Potter, P. A. (1994). *Clinical Nursing Skills and Techniques*. (3<sup>rd</sup> Ed.) St, Louis, Missouri. Mosby Elsevier.
- Rosdahl, C. B. (1999). *Textbook of Basic Nursing*. (7<sup>th</sup> Ed.) Philadelphia: J.B. Lippincott Company.
- Smeltzer, S.C., Bare, B.G., Hinkle, J.L. & Cheever, K.H. (2004). *Brunner & Suddarth's Textbook of Medical-Surgical Nursing*. (10<sup>th</sup> Ed.) Philadelphia: Lippincott Williams & Wilkins.
- Smeltzer, S.C., Bare, B.G., Hinkle, J.L. & Cheever, K.H. (2010). *Brunner & Suddarth's Textbook of Medical-Surgical Nursing*. (12<sup>th</sup> Ed.) Philadelphia: Lippincott Williams & Wilkins.

### **13.8 Module Eight: Care of Patients with Tumours and Cancer**

**13.8.1 Module Code:** NMT 06208

**13.8.2 Module Title:** Care of Patients with Tumours and Cancer

**13.8.3 Number of Credits:** 4

**13.8.4 Sub enabling outcomes:**

- 4.7.1 Describe basic concepts of oncology in relation to nursing care
- 4.7.2 Provide nursing care to a patient with cancer of the lung according to standards
- 4.7.3 Provide nursing care to a patient with cancer of the oesophagus and stomach according to standards
- 4.7.4 Provide nursing care to a patient with leukaemia according to standards
- 4.7.5 Provide nursing care to a patient with carcinoma of prostate gland according to standards
- 4.7.6 Provide nursing care to a patient with cancer of the cervix, breast and uterus according to standards
- 4.7.7 Provide nursing care to a patient with lymphoma according to standards
- 4.7.8 Provide nursing care to a patient with brain tumour according to standards

**13.8.5 Prerequisite modules:**

NMT 06207. Care of the Patient with Medical Conditions

**13.8.6 Teaching and Learning Context:**

This module will be facilitated through Lecture Discussion, Case Study, and Practice in Skills Laboratory, Assignments, Demonstration, Clinical Practice and Tutorials.

**13.8.7 Teaching and Learning Resources:**

In this module the following teaching and learning materials will be used: Textbooks, Projector, Computer, Anatomical charts, Mannequin, Writing boards and Marker pens, Chalks, Flip chart, and Practical procedure book

**13.8.8 Modes of Assessment**

<b>Continuous Assessment:</b>	<b>40%</b>
Written tests	10%
Assignment reports	05%
Practical examination	
OSPE/OSCE	10%
Case presentation	10%
Practical procedure books	05%
 <b>End of Semester Examination:</b>	 <b>60%</b>
Written examination	25%
Clinical examination	35%

**References:**

- Dossey, M.B., Guzzetta, C. E., & Kenner, C. V. (1992). *Critical Care Nursing; Body-Mind-Spirit*. (3<sup>rd</sup> Ed.) Philadelphia: J.B. Lippincott Company.
- Monahan, F.D., Sands, J.K., Neighbors, M., Marek, J.F. & Green, C.J. (2007). *Phipps' Medical-Surgical Nursing: Health and Illness Perspectives*. (8<sup>th</sup> Ed.) Philadelphia, Mosby Elsevier
- Perry, A. G., & Potter, P. A. (1994). *Clinical Nursing Skills and Techniques*. (3<sup>rd</sup> Ed.) St, Louis, Missouri. Mosby Elsevier.
- Rosdahl, C. B. (1999). *Textbook of Basic Nursing*. (7<sup>th</sup> Ed.) Philadelphia: J.B. Lippincott Company.
- Smeltzer, S.C., Bare, B.G., Hinkle, J.L. & Cheever, K.H. (2004). *Brunner & Suddarth's Textbook of Medical-Surgical Nursing*. (10<sup>th</sup> Ed.) Philadelphia: Lippincott Williams & Wilkins.
- Smeltzer, S.C., Bare, B.G., Hinkle, J.L. & Cheever, K.H. (2010). *Brunner & Suddarth's Textbook of Medical-Surgical Nursing*. (12<sup>th</sup> Ed.) Philadelphia: Lippincott Williams & Wilkins.

## **13.9 Module Nine: Care of Patients with Surgical Conditions**

### **13.9.1 Module Code:** NMT 06209

### **13.9.2 Module Title:** Care of Patients with Surgical Conditions

### **13.9.3 Number of Credits:** 14

### **13.9.4 Sub enabling outcomes:**

- 5.1.1 Provide surgical nursing care to a patient with lung abscess according to standards
- 5.1.2 Provide surgical nursing care to a patient with chest injury according to standards
- 5.1.3 Provide nursing care to a patient with pneumonectomy according to standards
- 5.1.4 Provide nursing care to a patient with atelectasis and under water seal chest drainage according to standards
- 5.1.5 Provide nursing care to a patient with thoracic surgery according to standards
- 5.1.6 Provide nursing care to a patient with lobectomy according to standards
- 5.2.1 Provide nursing care to a patient with traction and splints according to standards
- 5.2.2 Provide nursing care to a patient with amputation according to standards
- 5.2.3 Provide nursing care to a patient with external and internal fixation according to standards
- 5.3.1 Provide surgical nursing care to a patient with intestinal obstruction according to standards
- 5.3.2 Provide nursing care to a patient with hernia according to standards
- 5.3.3 Provide surgical nursing care to a patient with peritonitis according to standards
- 5.3.4 Provide surgical nursing care to a patient with ulcerative colitis according to standards
- 5.3.5 Provide surgical nursing care to a patient with haemorrhoids according to standards
- 5.3.6 Provide surgical nursing care to a patient with anal abscess and fissure according to standards
- 5.3.7 Provide nursing care to a patient undergoing gastrectomy and vagotomy according to standards
- 5.3.8 Provide nursing care to a patient undergoing cholecystectomy and choledoctomy according to standards
- 5.4.1 Provide nursing care to a patient undergoing nephrectomy according to standards
- 5.4.2 Provide nursing care to a patient undergoing nephrostomy according to standards
- 5.4.3 Provide nursing care to a patient undergoing cystectomy according to standards
- 5.4.4 Provide nursing care to a patient undergoing cystotomy according to standards

- 5.4.5 Provide nursing care to a patient undergoing kidney transplantation according to standards
- 5.4.6 Provide nursing care to a patient undergoing peritoneal dialysis and haemodialysis according to standards
- 5.5.1 Provide nursing care to a patient undergoing craniotomy according to standards
- 5.5.2 Provide nursing care to a patient undergoing craniostomy according to standards
- 5.5.3 Provide nursing care to a patient undergoing laminectomy according to standards
- 5.5.4 Provide nursing care to a patient undergoing thyroidectomy according to standards
- 5.5.5 Provide nursing care to a patient with head injury according to standards

### **13.9.5 Prerequisite modules:**

NMT 06207: Care of the Patient with Medical Conditions

### **13.9.6 Learning Context:**

This module will be facilitated through Lecture Discussion, Case Study, and Practice in Skills Laboratory, Assignments, Demonstration, Clinical Practice and Tutorials.

### **13.9.7 Teaching and Learning Resources:**

In this module the following teaching and learning materials will be used: Textbooks, Projector, Computer, Anatomical charts, Mannequin, Writing boards and Marker pens, Chalks, Flip chart, and Practical procedure book.

### **13.9.8 Modes of Assessment**

<b>Continuous Assessment:</b>	<b>40%</b>
Written tests	10%
Assignment reports	05%
Practical examination	
OSPE/OSCE	10%
Case presentation	10%
Practical procedure books	05%
 <b>End of Semester Examination:</b>	 <b>60%</b>
Written examination	25%
Clinical examination	35%

**References:**

- Dossey, M.B., Guzzetta, C. E., & Kenner, C. V. (1992). *Critical Care Nursing; Body-Mind-Spirit*. (3<sup>rd</sup> Ed.) Philadelphia: J.B. Lippincott Company.
- Monahan, F.D., Sands, J.K., Neighbors, M., Marek, J.F. & Green, C.J. (2007). *Phipps' Medical-Surgical Nursing: Health and Illness Perspectives*. (8<sup>th</sup> Ed.) Philadelphia, Mosby Elsevier
- Perry, A. G., & Potter, P. A. (1994). *Clinical Nursing Skills and Techniques*. (3<sup>rd</sup> Ed.) St, Louis, Missouri. Mosby Elsevier.
- Rosdahl, C. B. (1999). *Textbook of Basic Nursing*. (7<sup>th</sup> Ed.) Philadelphia: J.B. Lippincott Company.
- Smeltzer, S.C., Bare, B.G., Hinkle, J.L. & Cheever, K.H. (2004). *Brunner & Suddarth's Textbook of Medical-Surgical Nursing*. (10<sup>th</sup> Ed.) Philadelphia: Lippincott Williams & Wilkins.
- Smeltzer, S.C., Bare, B.G., Hinkle, J.L. & Cheever, K.H. (2010). *Brunner & Suddarth's Textbook of Medical-Surgical Nursing*. (12<sup>th</sup> Ed.) Philadelphia: Lippincott Williams & Wilkins.



## **13.10 Module Ten: Care of Patients with Reproductive Surgical Conditions**

**13.10.1 Module Code:** NMT 06210

**13.10.2 Module Title:** Care of Patients with Reproductive Surgical Conditions

**13.10.3 Number of Credits:** 5

**13.10.4 Sub enabling outcomes:**

- 4.5.4 Provide nursing care to a patient with enlarged prostate gland according to standards
- 4.5.5 Provide nursing care to a patient with hydrocele according to standards
- 5.4.7 Perform male circumcision according to standards
- 5.6.1 Provide nursing care to a patient undergoing myomectomy according to standards
- 5.6.2 Provide nursing care to a patient undergoing hysterectomy according to standards
- 5.6.3 Provide nursing care to a patient undergoing oophorectomy according to standards
- 5.6.4 Provide nursing care to a patient undergoing mastectomy according to standards
- 5.6.5 Provide nursing care to a patient undergoing repair of the cervix, Vesico Vaginal Fistula (VVF) and Recto Vaginal Fistula (RVF) according to standards
- 5.6.6 Provide nursing care to a patient undergoing hydrocelectomy according to standards
- 5.6.7 Provide nursing care to a patient undergoing prostatectomy according to standards

**13.10.5 Prerequisite modules:**

NMT 06207: Care of the Patient with Medical Conditions

**13.10.6 Teaching and Learning Context:**

This module will be facilitated through Lecture Discussion, Case Study, and Practice in Skills Laboratory, Assignments, Demonstration, Clinical Practice and Tutorials.

**13.10.7 Teaching and Learning Resources:**

In this module the following teaching and learning materials will be used: Textbooks, Projector, Computer, Anatomical charts, Mannequin, Writing boards and Marker pens, Chalks, Flip chart, and Practical procedure book

### **13.10.8 Modes of Assessment**

<b>Continuous Assessment:</b>	<b>40%</b>
Written tests	10%
Assignment reports	05%
Practical examination	
OSPE/OSCE	10%
Case presentation	10%
Practical procedure books	05%
 <b>End of Semester Examination:</b>	 <b>60%</b>
Written examination	25%
Clinical examination	35%

**References:**

- Dossey, M.B., Guzzetta, C. E., & Kenner, C. V. (1992). *Critical Care Nursing; Body-Mind-Spirit*. (3<sup>rd</sup> Ed.) Philadelphia: J.B. Lippincott Company.
- Monahan, F.D., Sands, J.K., Neighbors, M., Marek, J.F. & Green, C.J. (2007). *Phipps' Medical-Surgical Nursing: Health and Illness Perspectives*. (8<sup>th</sup> Ed.) Philadelphia, Mosby Elsevier
- Perry, A. G., & Potter, P. A. (1994). *Clinical Nursing Skills and Techniques*. (3<sup>rd</sup> Ed.) St, Louis, Missouri. Mosby Elsevier.
- Rosdahl, C. B. (1999). *Textbook of Basic Nursing*. (7<sup>th</sup> Ed.) Philadelphia: J.B. Lippincott Company.
- Smeltzer, S.C., Bare, B.G., Hinkle, J.L. & Cheever, K.H. (2004). *Brunner & Suddarth's Textbook of Medical-Surgical Nursing*. (10<sup>th</sup> Ed.) Philadelphia: Lippincott Williams & Wilkins.
- Smeltzer, S.C., Bare, B.G., Hinkle, J.L. & Cheever, K.H. (2010). *Brunner & Suddarth's Textbook of Medical-Surgical Nursing*. (12<sup>th</sup> Ed.) Philadelphia: Lippincott Williams & Wilkins.

## **13.11 Module Eleven: Mental Health Nursing**

**13.11.1. Module Code:** NMT 06211

**13.11.2. Module Title:** Mental Health Nursing

**13.11.3. Number of Credits:** 20

### **13.11.4. Sub enabling outcomes:**

- 6.1.1 Describe concepts of personality development in relation to mental health
- 6.1.2 Describe psychobiological concepts in relation to the practice of mental health nursing
- 6.1.3 Describe legal issues related to mental health nursing in the provision of nursing care to mentally ill patient
- 6.1.4 Describe cultural and spiritual issues in caring a patient with mental illness
- 6.2.1 Provide psychological therapies to a patient with mental illness according to guidelines
- 6.2.2 Provide psychosocial therapies to patient with mental disorders according to guidelines and protocols
- 6.2.3 Provide physical therapies to patients with mental disorders according to standards
- 6.2.4 Provide pharmacotherapy to patients with mental disorders according to standards
- 6.3.1 Provide care to patients with personality disorders according to standards
- 6.3.2 Provide nursing care to patients with dissociative and somatoform disorders according to standards
- 6.3.3 Provide nursing care to patients with mood disorders according to standards
- 6.3.4 Provide nursing care to patients with psychotic disorders according to standards
- 6.3.5 Provide care to patients with cognitive disorders according to standards
- 6.3.6 Provide care to special group with mental illness according to guidelines and standards
- 6.3.7 Provide rehabilitative and domiciliary care to a patient with mental illness
- 6.3.8 Provide care to patients with psychiatric emergencies according to standards and guidelines

### **13.11.5. Prerequisite modules:**

None

### **13.11.6. Teaching and Learning Context:**

This module will be facilitated through Lecture Discussion, Case Study, and Practice in Skills Laboratory, Assignments, Demonstration, Clinical Practice and Tutorials.

### 13.11.7. Teaching and Learning Resources:

In this module the following teaching and learning materials will be used: Textbooks, Projector, Computer, Anatomical charts, Mannequin, Writing boards and Marker pens, Chalks, Flip chart, and Practical procedure book

### 13.11.8. Modes of Assessment

<b>Continuous Assessment:</b>	<b>40%</b>
Written tests	10%
Assignment reports	05%
Practical examination	
OSPE/OSCE	10%
Case presentation	10%
Practical procedure books	05%
<b>End of Semester Examination:</b>	<b>60%</b>
Written examination	25%
Clinical examination	35%

**References:**

- Puri, B. K, &Laking. P. J, Treasaden, I.H. (2002). *Textbook of Psychiatry*, (2<sup>nd</sup> Ed.) Churchill Living stone
- Towsen M. C, (2011), *Essentials of Psychiatric Mental Health Nursing, Concepts of Care in Evidence-Based Practice*. (5<sup>th</sup>ed.)Philadelphia: F. A. Davis Company.
- Videbeck S. L. (2011) *Psychiatric-Mental Health Nursing* (5<sup>th</sup> Ed.)Lippincott Williams &Wilkins.
- Rogers A., & Pilgrim, D. (2010). *A Sociology of Mental Health and Illness*, (4<sup>th</sup> Ed.)McGraw-Hill Companies
- World Health Organization. (2005) *Mental Health Service and Service Guideline Package. Mental Health Policies and Programmes in the Work Place*. Geneva: WHO
- Straus. E. S., Geddes J., Tomlin A., &Price J. (1999) *Practicing Evidence-Based Mental Health*. U K: Oxford
- Hollanda D. (1998) - *Developing Mental Health Services*. A Manual. Concern Publication, London - U.K.
- Rees L. (1998) *A New Short Textbook of Psychiatry*, London
- Mbatia J., Kilonzo G. P.,& Hauli J. (2002) *Mental Health a Basic Manual for General Health Workers in Primary Health Care – MEHATA*, Tanzania.
- Mmari V. B. E. (2007) *Mental Health Nursing Procedure Manual*. A Pocket Manual for Mental Health Nurses/Students. Dar es Salaam: TFNC.

## 14.0 APPENDICES

### 14.1 DACUM Chart for NTA Level 6

Duties	Tasks/ Workplace skills							
A Manage conflict at work place	A1 Identify the cause of conflict	A2 Analyse the root cause of conflict	A3 Conduct conflict mediation	A4 Take appropriate measures	A5 Conduct follow up			
B Conduct action research	B1 Identify problems at work place	B2 Formulate problem statement	B3 Formulate objectives	B4 Search Literatures	B5 Select methodology	B6 Collect data	B7 Analyse data	B8 Interpret data
	B9 Compile report	B10 Communicate findings	B11 Utilize research findings					
C Mentor students and colleagues	C1 Assess areas for mentorship	C2 Develop and empower relationship	C3 Determine needed requirements	C4 Prepare action plan	C5 Provide guidance	C6 Evaluate learning process	C7 Provide timely feedback	
D Provide care to premature baby	D1 Provide warmth	D2 Perform head to toe assessment	D3 Prevent infection	D4 Provide nutrition	D5 Provide safety	D6 Monitor progress	D7 Provide Counselling to carers	D8 Refer complicated cases
E Provide comprehensive post abortion care	E1 Assess patient with abortion	E2 Determine causes	E3 Analyse needs	E4 Provide medication	E5 Perform Manual vacuum aspiration (MVA)	E6 Link mother to family planning services	E7 Provide counselling	E8 Refer complicated cases
F Maintain quality of services	F1 Assess quality of services	F2 Set standards	F3 Establish gaps	F4 Provide services based on standards and guidelines	F5 Communicate and uphold standards of practice	F6 Monitor implementation of standards and guidelines		
G Prescribe medicines as per protocols	G1 Assess condition for medicine	G2 Classify the condition	G3 Select medicines for the patient	G4 Write prescription	G5 Administer medicines	G6 Document services provided	G7 Manage side effects	
H Manage woman with abnormal labour and puerperium	H1 Perform assessment	H2 Determine type of abnormality	H3 Provide emergency obstetric care	H4 Monitor progress	H5 Carry out investigations	H6 Perform vacuum extraction	H7 Perform manual removal of placenta	H8 Prepare patient for caesarean section

Duties	Tasks/ Workplace skills							
	H9 Conduct counselling	H10 Make follow up	H11 Refer complicated cases					
I Conduct male circumcision	I1 Provide counselling	I2 Prepare equipment and environment	I3 Maintain sterility	I4 Perform circumcision	I5 Provide medicine	I6 Make follow up	Provide Health education	
J Conduct meetings	J1 Schedule the meetings	J2 Select audience	J3 Prepare agenda	J4 Disseminate Information	J5 Moderate meeting	J6 Document proceedings	J7 Evaluate meeting	J8 Utilize resolution
K Provide basic care to a critically ill patient	K1 Assess critically ill patient	K2 Determine criticality of a patient	K3 Clear airway	K4 Monitor vital signs	K5 Administer oxygen	K6 Monitor input and output	K7 Prevent aspiration	K8 Prevent pressure sores
	K9 Perform resuscitation	K10 Conduct suction	K11 Provide emergency medicine	K12 Monitor oxygen saturation	K13 Maintain hygiene	K14 Refer accordingly	K15 Determine level of consciousness	
L Present cases	L1 Select patient	L2 Review patient information	L3 Compile patient care report	L4 Prepare case presentation	L5 Conduct presentations	L6 Evaluate presentation		
M Provide care to a patient with under water seal drainage	M1 Maintain sitting up position	M2 Maintain the drainage tube in place	M3 Maintain aseptic techniques	M4 Maintain patient's hygiene	M5 Facilitate drainage	M6 Maintain documentation		
N Administer blood to patients	N1 Perform preliminary preparations	N2 Prepare blood	N3 Provide pre-medication	N4 Check vital signs	N5 Determine rate of flow	N6 Insert cannula to a vein and connect blood	N7 Monitor blood flow rate	N8 Monitor vital signs
	N9 Monitor patient for reactions	N10 Provide emotional support	N11 Document care given					
O Perform incision and drainage	O1 Assess client condition	O2 Prepare needed equipment	O3 Incise and drain abscess	O4 Dress the wound	O5 Provide prescribed medicine	O6 Make follow up		
P Manage patients with	P1 Maintain Airway,	P2 Maintain electrolyte	P3 Assess extent of	P4 Perform dressing	P5 Change position	P6 Provide medication	P7 Provide nutrition	P8 Promote nutrition



Duties	Tasks/ Workplace skills							
burn	breathing and circulation	balance and blood level	burn					
	P9 Prevent infection	P10 Counsel the patient	P11 Refer complicated cases					
Q Manage woman with abnormal pregnancy	Q1 Assess client	Q2 Determine nature of abnormality	Q3 Provide respective care to a client with abnormal pregnancy	Q4 Make close follow up	Q5 Refer accordingly			
R Manage hypertensive disorders in pregnancy	R1 Assess client	R2 Determine type of hypertensive disorder(s)	R3 Monitor vital signs	R4 Provide appropriate Counselling (diet, danger signs and drug adherence to medication)	R5 Perform catheterization	R6 Determine level of consciousness	R7 Maintain close Follow up	R8 Refer complicated cases
	R9 Monitor input and output							
S Collaborate with other professional	S1 Identify collaborating professionals	S2 Initiate networking	S3 Identify area of collaboration	S4 Share experiences and reports	S5 Maintain communication	S6 Evaluate collaborative activities		
T Perform supportive supervision	T1 Prepare work plans	T2 Organize work	T3 Prepare duty rosters	T4 Attend to needs and complaints	T5 Conduct performance appraisal	T6 Guide on patient care	T7 Manage documentation	T8 Monitor disciplinary matters
	T9 Allocate staff and resources	T10 Delegate responsibilities						
U Maintain inter and intra institutional communication	U1 Demonstrate negotiation skills	U2 Demonstrate assertiveness	U3 Employ lobbying techniques	U4 Write business letters and memos	U5 Prepare adverts and message			
V	V1	V2	V3	V4				

Duties	Tasks/ Workplace skills							
Implement health policy	Interpret policies	Communicate policies	Prepare bylaws and rules	Monitor implementation of policies				
W Provide care to newborn with abnormalities and disorders	W1 Perform assessment	W2 Determine types of abnormalities	W3 Provide respective care to newborn with congenital abnormalities	W4 Provide respective care to newborn with birth injuries	W5 Provide respective care to newborn with disorders	W6 Refer complicated conditions		
X Provide neonatal care	X1 Perform assessment	X2 Provide warmth	X3 Provide nutrition	X4 Prevent infection	X5 Provide vaccines and medicine	X6 Provide care to umbilical cord	X7 Monitor growth and development	X8 Refer complicated cases
	X9 Maintain documentation							

## 14.2 List of Participants

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