

UGANDA NURSES AND MIDWIVES EXAMINATIONS BOARD
EXAMINATION SYLLABUS FOR DIPLOMA IN MIDWIFERY - DIPLOMA IN MIDWIFRY DIRECT
AND DIPLOMA IN MIDWIFERY E LEARNING

YEAR/SEMESTER	PAPER CODE & PAPER NAME	Topics
Year 1/ Semester 1 (DMD)	DM111: Anatomy & physiology I and 1ST Aid	<ul style="list-style-type: none"> • Terms used in Anatomy and Physiology • Human body organization • Atoms, molecules and compounds • Cell structure and function • Tissue structure and function • Blood and its composition • Cardiovascular system • Lymphatic system • Digestive system • Skeletal system • Muscular system • <u>First aid</u> • Principles of First Aid • Management of specific emergencies in first Aid (cardiac arrest, severe burns, airway obstruction, hemorrhage, shock, fits, animal/insect bites) • Personal protection during first aid • First aid in medical emergencies • Injuries and Trauma • Shock
	DM 112: Foundations of Nursing I & Sociology and Psychology	<ul style="list-style-type: none"> • History of Nursing • Ethical Code of conduct for Nurses/midwives • Principles of professional ethics and etiquette • Patient’s rights • Nurses’ rights • Nursing and the law • Nursing standards and qualities of a nurse • General principles and rules of all nursing procedures • Hospital economy • Use of personal protective equipment • Routine and weekly cleaning of the ward • Isolation of infectious patients • Causes of infection • Medical Waste disposal and management • feeding of patients • bladder and bowel care

		<ul style="list-style-type: none"> • Passing a flatus tube • Taking measurements(height,weight, • Administration of enemata • Ward Report • Lifting/positioning a patient • Tepid sponging • General principles in patient care • Ethics in nursing care • Principles of Infection prevention and control • Body mechanics • Bed making • Vital observations • Bed bath • Oral care/mouth care • Care and treatment of pressure areas <p>Sociology and psychology</p> <ul style="list-style-type: none"> • Definitions of terms used in Sociology • Human groups and their effects on man • Culture, beliefs and practices in relation to health and behavior • Socialization • Social aspects of diseases • Social aspects of hospitalization • Urbanization and delivery of health services • Nurse-patient relationships • Concepts of Psychology • Psychological Development • Personality • Psychological aspects in nursing • Mental Defense Mechanisms • Stress and Stressors • Emotions
	<p>DM 113: Guidance, Counselling and Basic Computer</p>	<p>Guidance and Counseling</p> <ul style="list-style-type: none"> • Introduction to Guidance and Counselling • Counselling procedure and Techniques • Communication in guidance and counseling • Group counseling • Ethical codes in counselling <p>Basic Computer applications</p> <ul style="list-style-type: none"> • Identify the different components of a computer • Produce work using common computer packages such as Microsoft office, Excel

		<ul style="list-style-type: none"> • Carry out correspondences using electronic mail • Use the internet as a research resource in conducting various nursing care processes
	DM 114: Microbiology Personal and communal health	Introduction to personal and communal health <ul style="list-style-type: none"> • Concepts of personal and communal health • Determinants of Health • Dimensions of Health • Introduction to personal hygiene • Cleanliness of skin and its appendages • Cleanliness of the inside of the body • Special groups in personal hygiene • Clothing and foot wear • Sanitation • Housing • Ventilation heating and lighting • Safe water supply • Food hygiene • Sanitation • Disease causation and prevention • Disease transmission cycle • Levels of disease prevention Microbiology <ul style="list-style-type: none"> • Concepts of Microbiology • Classification and types of Microorganisms • Pathogenic microorganisms • Characteristics and mode of spread of disease causing Microorganisms • Pathological effects of microorganisms • Simple laboratory tests (blood grouping and specimen collection) • Immunity and body defense mechanisms • Infection prevention and control
Year 1/ Semester 2 (DMD)	DM 121: Anatomy & Physiology II	<ul style="list-style-type: none"> ▪The Respiratory system ▪The Urinary System ▪The Endocrine system ▪The Nervous system ▪Organs of Special Senses ▪The Reproductive system

	<p>DM 122: Foundations of nursing II</p>	<ul style="list-style-type: none"> • Nursing Process • Admission of a patient • Drug Administration • Pre and Post Operative care • Transfer patients • Wound dressing • Colostomy Care • Abdominis Parecentesis • Vulva Toilet /Swabbing • Oxygen Administration • Lumbar Puncture • Nasogastric tube feeding • Gastrostomy Feeding • Gastric Lavage • Catheterization • Tracheostomy Care • Care of patients on traction • orthopedic splints • Bandaging • Discharge of patients • Last Office
	<p>DM 123: Pharmacology 1</p>	<p>Pharmacology 1</p> <ul style="list-style-type: none"> • Terms used in Pharmacology • Sources and preparation of Medicines • Application of Pharmacology to Nursing and patient education • Legal aspects and national policies • Concepts of Essential Drugs and Rational Medicine use. • Classification of Medicines & Schedule of controlled substances • Pharmacokinetics & Pharmacodynamics • Prescriptions • Drug administration
	<p>DM124: Community Health</p>	<ul style="list-style-type: none"> • Introduction to Primary health care • Concepts of Primary Health Care • Principles, Pillars and components/ elements of Primary Health Care • Introduction to community based health care • Community participation

		<ul style="list-style-type: none"> • Community organization • Community Mobilization • Community empowerment • Community entry • Carry out community survey and assessment • Carry out Home visiting • Disease surveillance • School health
Year 2/ Semester 1 (DMD & DME EL)	DM 211: Obstetric Anatomy	Obstetric anatomy and Physiology <ul style="list-style-type: none"> • Introduction • Terminologies • Female Pelvis • Varieties of Pelvis • Pelvic assessment • Vulva • Pelvic floor muscles • Vagina • Cervix • Uterus • Uterine tubes • Ovaries • Breast • Gametogenesis • Menstruation Cycle • Fertilization • Embryology • Placenta at term (fetal sac, amniotic fluid, umbilical cord, vernix caseosa, varieties of the placenta) • Fetal circulation • Fetal skull , Internal structures and Fetal scalp • Moulding • Significance of female urinary system in obstetrics
	DM 212: Midwifery I	<ul style="list-style-type: none"> • Introduction to Midwifery • Terminologies • Normal pregnancy (Characteristics, Physiology ,minor disorders) • Antenatal care • Health education during Antenatal • Normal first stage of labour • (physiology and management, patograph. Vaginal examination) • Normal second stage of labour

		<ul style="list-style-type: none"> • (physiology and management, mechanism of labour, episiotomy) • Normal third stage of labour • (physiology and management, examination of placenta) • Normal puerperium • (physiology and management, minor disorders, postnatal clinic, postnatal exercises) • Domiciliary Care
	<p>DM 213: Gynecology I and Reproductive Health I</p>	<ul style="list-style-type: none"> • Gynaecology I • Structural abnormalities of the female genital tract • Menstruation disorders • Dysfunctional uterine bleeding • Menopause • Abortions • Ectopic Pregnancy • Hydatidiform mole • <p>Reproductive Health I</p> <ul style="list-style-type: none"> • Family planning • Safe motherhood • Post abortion care and Manual Vacuum Aspiration • Sexually transmitted infections • Syndromic treatment of STIs
	<p>DM214: Mental Health & Pharmacology II</p>	<p>Pharmacology II</p> <ul style="list-style-type: none"> • Medicines used in midwifery • Medicines used in paediatrics • Specific anti-microbial agents • Medicines acting on specific body systems • Other therapeutics <p>Mental health</p> <ul style="list-style-type: none"> • Concepts of mental health and mental illness • Classification of mental illnesses • Etiological factors of mental illness • General signs and symptoms of mental illnesses • Assessment of the mentally ill • Therapeutic modalities in psychiatry • Substance/alcohol abuse • Psychopharmacology / physical treatment • Psychological therapies • Psychiatric disorders related to maternal and child health • Psychiatric emergencies • Acute conversional dissociative disorders

<p>Year 2/ Semester 2 (DMD, DME-EL)</p>	<p>DM 221: Midwifery II</p>	<p>Abnormal pregnancy</p> <ul style="list-style-type: none"> • Medical disorders during pregnancy <ul style="list-style-type: none"> ✓ Anaemia during pregnancy ✓ Sickle cell Anaemia ✓ Renal diseases ✓ Essential Hypertension ✓ Diabetes Mellitus ✓ Asthma ✓ Epilepsy • Infections <ul style="list-style-type: none"> ✓ Malaria ✓ Tuberculosis ✓ Urinary Tract Infections ✓ HIV and PMTCT ✓ Respiratory Tract Infections • Hyperemesis gravidarum • Disorders of Amniotic fluid • Multiple Pregnancy • Intra uterine growth retardation • Intra uterine fetal death • Prolonged pregnancy and Post maturity • Rhesus Incompatibility
	<p>DM222: Paediatric Nursing I</p>	<ul style="list-style-type: none"> • Introduction to Paediatrics • Terminologies • Physiology of the new born • Immediate and routine care of the newborn • Characteristic features of a newborn • Routine care of the new born • Examination of the new born • Minor disorders of the new born • Child growth and development • Immunisation schedule • Cold Chain • Breastfeeding and Weaning • Asphyxia neonatorum • Low birth weight babies (Prematurity, Dysmature and Post mature) • Large (Big) for dates • Birth Injuries

	DM 223: Gynaecology II and Reproductive Health II	Gynaecology II <ul style="list-style-type: none"> • Pelvic Inflammatory Diseases • Fibroids • Vesico-Vaginal Fistula(VVF) and Recto-Vaginal fistula (RVF) • Genital cancers (Cervix, Uterus, and Ovaries) • Breast cancer • Uterine prolapse • Genital prolapse (Rectocele and Cystocele) • Infertility Reproductive Health II <ul style="list-style-type: none"> • Gender/sexual based violence • Domestic violence • Male involvement in RH • Integration of RH services • Adolescent reproductive health
	DM 224: Tropical Medicine	Tropical Diseases/communicable diseases <ul style="list-style-type: none"> • Introduction to communicable diseases • Diseases transmission cycle • Epidemiology of diseases • Measles • Malaria • Trypanosomiasis (sleeping sickness) • Helminthic diseases (Intestinal worms) • Onchocerciasis (River blindness) • Schistosomiasis • Elephantiasis (Bancroftian Filariasis) • Dracunculosis (Guinea worm) • Typhoid Fever • Dysentery • Cholera • Brucellosis • Ebola • Yellow Fever • Mumps (Parotiditis) • Chicken Pox • Rabies • Hemorrhagic fevers • SARS, Anthrax, tetanus, Hepatitis
Year 3/ Semester 1	DM 311: Midwifery III	Abnormal labour <ul style="list-style-type: none"> • Antepartum Heamorrhage • Pre- Eclampsia and Eclampsia (Preganancy Induced

<p>(DMD, DME EL)</p>		<p>Hypertension)</p> <ul style="list-style-type: none"> • Cord Presentation and Cord Prolapse • Malpresentations <ul style="list-style-type: none"> Breech Compound Brow Shoulder Face Unstable lie • Malposition • Abnormal Uterine Action • Trial of labour • Fetal distress • Maternal distress • Cephalo Pelvic Disproportion • Obstetric Operations (Caesarian section, Forceps, Vacuum extraction, Sympsiotomy, Destructive Operations)
	<p>DM312: Applied Research and Teaching Methodology</p>	<p>Applied Research</p> <ul style="list-style-type: none"> • Introduction to research • Terminologies • Research Ethics • Purpose of studying research • Research techniques (Qualitative, quantitative and their approaches) • Writing a research proposal and report • Formulation of research topics • Background of study • Literature review • Methodology • Conducting research • Data Analysis • Research report • Presentation of research findings <p>Teaching Methodology</p> <ul style="list-style-type: none"> • Introduction to teaching methodology and Concept of education • Teaching and Learning process • Teaching learning method • Communication and Human relations • Teaching technology

		<ul style="list-style-type: none"> • Assessment and Evaluation.
	DM 313: Palliative Care Nursing	Palliative care <ul style="list-style-type: none"> • Principles of palliative care • Importance of Palliative care • Roles of palliative care • Attributes of palliative care • Preparation of the family to make important decisions • Concepts of hospice and palliative care • Pain management in palliative care • Palliative care emergencies • Management of common symptoms in Palliative care • Symptoms of terminally ill patients • Ethics of at the end of life and legal issues • Terminal care • Psychosocial support to terminally ill patients
	DM 314: Disaster Management, Occupational Health and Safety	Disaster Management <ul style="list-style-type: none"> • Disaster <ul style="list-style-type: none"> ✓ Natural disaster. ✓ Man made disaster. • Disaster management. <ul style="list-style-type: none"> ✓ Roles played by each stakeholder as far as preparedness, response and recovery and mitigation are concerned ✓ The stages of disaster management. ✓ Requirements for disaster preparedness. • Disaster prevention <ul style="list-style-type: none"> ✓ Natural prevention ✓ Artificial prevention Occupational Health and Safety <ul style="list-style-type: none"> • Introduction to occupational health hazards • Types of occupational health hazards • Occupational health hazards in different work places • Work related injuries and Fatalities • Prevention and control of occupational health hazards in work places • Psychosocial aspects of work: Job stress and associated conditions • Healthcare waste management • Injection safety methods • Workers compensation Act

Year 3/ Semester 2 (DMD, DME EL)	DM 321: Midwifery IV	<ul style="list-style-type: none"> • Obstructed labour • Ruptured uterus • Post Partum Heamorrhage • Intra Partum Heamorrhage • Acute Inversion of the Uterus • Obstetrical Shock • Thrombo Embolic disorders (superficial vein thrombosis, Deep vein thrombosis, Amniotic Fluid Embolism, HELLP Syndrome, Pulmonary Embolism, DIC) • Vulval Heamatoma <p>Abnormal Puerperium</p> <ul style="list-style-type: none"> • Breast Complications • Urinary Complications • Puerperal Pyrexia • Puerperal Sepsis • Psychological disorders
	DM 322: Paediatrics II	<ul style="list-style-type: none"> • Heamorrhagic disease of the new born • Anaemia • Convulsions in the new Born • Congenital abnormalities (GIT, genito urinary, cardiovascular, CNS, musculo - skeletal) • Neonatal infections <ul style="list-style-type: none"> ✓ Ophthalmia Neonatorum ✓ Pemphigus Neonatorum ✓ Oral candidiasis ✓ Septicaemia ✓ Meningitis ✓ Tetanus ✓ Paronychia ✓ Urinary tract infection ✓ Pneumonia ✓ Gastro enteritis ✓ Malaria • Neonatal Jaundice • Nutrition • Assessment of nutritional status of children • Nutritional disorders in children • IMCI
	DM 323: Health Services Management & Entrepreneurship	<ul style="list-style-type: none"> • Concepts used in Health Service Management • Uganda Health Sector • Principles of Management • Basics of Health economics • Principles of Health Service Management

		<ul style="list-style-type: none"> • Human Resource Management <ul style="list-style-type: none"> ✓ Staffing and Staff development ✓ Delegation ✓ Staff Motivation ✓ Appraisal ✓ Team Building ✓ Conflict resolution ✓ Interpersonal Relationships ✓ Disciplinary Standards and decisions ✓ Quality Control Measures ✓ Meetings ✓ Records • Leadership in Healthcare delivery • Management roles in a health facility • Decision-making and critical thinking • Communication in health care • Customer care • Public relations in health service delivery • Management of health facility resources • Financial Management <ul style="list-style-type: none"> ✓ Budgeting ✓ Accountability ✓ Finance Records ✓ Management of Petty cash ✓ Sources of Funding • Management of Assets, Equipment and Supplies <ul style="list-style-type: none"> ✓ Inventory and Stock control ✓ Requisition Procedures ✓ Procurement ✓ Rational use of supplies ✓ Health centre asset maintenance ✓ Ground maintenance • Health Information management System <ul style="list-style-type: none"> ✓ Concept of HIMS ✓ Types of HIMS records ✓ Procedures in maintaining HIMS <p>Entrepreneurship</p> <ul style="list-style-type: none"> • Introduction to Entrepreneurship • Foundations of Entrepreneurship • Entrepreneurship skills • Setting up of a business (market survey, costing, taxation, customer care, Branding, marketing, quality service delivery)
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