

SYLLABUS FOR M.SC. AGRICULTURE

The question of entrance test will be comprised of two parts, Part-A and Part-B. There will be 100 general multiple-choice questions (Non-crop specific) in part-A and 20 crop specific (Field crop and Horticultural crops in equal proportion) questions in part-B following the common syllabi of Agriculture and Horticulture faculties. Candidates have to appear all the questions.

SYLLABUS FOR M.SC. NURSING

UNIT-I: NURSING FOUNDATIONS

Nursing as a Profession & its concept and Practice, Nursing trends and theories, Hospital Admission & discharge, Nursing Process, Intra personal relationship, Recording & reporting, vital signs, Health assessment, Equipment and linen management, Meeting needs of patient, Urinary & Bowel elimination, Psychosocial needs, Infection control & Microbiology, Administration of medication & its management, Care of terminally ill patients

UNIT-II: MEDICAL SURGICAL NURSING

New trends and concepts, Role & responsibilities of a Nurse in Client & family, Anatomy & Physiology related to each system, Management of patients having disorders in respiratory, cardiovascular & cardiothoracic, digestive, genitourinary, reproductive, endocrine, integumentary, musculoskeletal and immunological system etc., nursing management of patient with disorders in eye, ENT, and neurological system, management of burns and reconstructive and cosmetic surgery, management of oncological conditions, emergency and disaster management, care of elderly, management of patients C.C.U, management of occupational and industrial disorders

UNIT-III: COMMUNITY HEALTH NURSING

Determinants of health, epidemiology and nursing management of communicable and non-communicable diseases, demography, population and its control, health planning policies and problems, delivery of community health services, concepts and approach of community health nursing, national health and family welfare programmes, national and international health agencies, waste management at home and community, medical care follow up,

UNIT-IV: CHILD HEALTH NURSING & NEONATOLOGY

Modern concept of childcare, care of neonate, IMNCI, management of behavioural and social problems in children, milestones, pediatrics medicine and surgery ICU management.

UNIT-V: MENTAL HEALTH NURSING

Concepts and principles, therapeutic communication, treatment modalities and therapies used in mentally disorder, nursing management of patient with schizophrenia, psychotic and neurotic, somatisation disorder, substance used disorders, stress related disorders, personality, childhood and adolescent disorders, psychiatric emergencies and crisis intervention, legal issues in mental health nursing.

UNIT-VI: GYNAECOLOGY AND OBSTETRICAL NURSING

Anatomy & Physiology of reproductive system, assessment and management of antenatal, intranatal and postnatal mothers (normal & abnormal cases), assessment and management of normal neonates, high risk pregnancy assessment, abnormal labour management, management of high risk new borns, pharmaco-therapeutics in obstetrics, family welfare programme.

UNIT-VII: ADMINISTRATION AND EDUCATION IN NURSING

Management in Nursing, management process and nursing services in the hospital, community and educational institutions, organizational behavior and human relation, in service education and professional advancement, guidance and counseling, method of teaching educational media, I.E.C for Health, legal aspects in Nursing, professional advancement.

UNIT-VIII : NURSING RESEARCH AND NURSING STATISTICS

Research process, research problems and questions, review of literature, research approaches and designs, sampling and data collection, introduction to statistics(mean, median, mode, frequency distribution, coefficient, correlation statistical package and its application), biostatistics , communication and utilization of research.