

Syllabus for PhD entrance Examination: NURSING

<p>Nursing as a Profession History of development of nursing profession, characteristics, criteria of the profession, perspective of nursing profession-national, global Code of ethics(INC), code of professional conduct(INC), autonomy and accountability, assertiveness, visibility of nurses, legal considerations, Quality assurance in nursing (INC).</p>
<p>Health care delivery Health care environment, economics, constraints, planning process, policies, political process vis a vis nursing profession. Health care delivery system- national, state, district and local level.</p>
<p>Genetics Review of cellular division, mutation and law of inheritance, Basic concepts of Genes, Chromosomes & DNA. Approaches to common genetic disorders. Genetic testing – basis of genetic diagnosis, Pre symptomatic and predisposition testing, Prenatal diagnosis & screening</p>
<p>Epidemiology Scope, epidemiological approach and methods, Morbidity, mortality Concepts of causation of diseases and their screening, Role of nurse</p>
<p>Bio-Psycho social pathology Pathophysiology and Psychodynamics of disease causation Life processes, homeostatic mechanism, biological and psycho-social dynamics in causation of disease, life style Common problems: Oxygen insufficiency, fluid and electrolyte imbalance, nutritional problems, hemorrhage and shock, altered body temperature, unconsciousness, sleep pattern and its disturbances, pain, sensory deprivation. Treatment aspects: pharmacological and pre- post-operative care aspects, Cardio pulmonary resuscitation.</p>
<p>Psychological aspects and Human relations Human behaviour, Life processes & growth and development, personality development, defence mechanisms, Communication, interpersonal relationships, individual and group, group dynamics, and organizational behaviour, Basic human needs, Growth and development, (Conception through preschool, School age through adolescence, Young & middle adult, and Older adult) Sexuality and sexual health.</p>
<p>Care in hospital settings: Ambulatory care. Acute and Critical care. Long term care. Home Health Care. Characteristics, care models, practice settings, interdisciplinary team. Hospitalization- effects of hospitalization on the patient & family. Stressors & reactions related to disease process. Nursing care using Nursing process approach.</p>
<p>Health Assessment of patients History taking. Physical examination of various systems. Nutritional assessment. Related investigations and diagnostic assessment.</p>
<p>Nursing management Concept, types, principles and techniques Vision and Mission Statements Philosophy, aims and objective Current trends and issues in Nursing Administration Theories and models Application to nursing service and education</p>

Legal and ethical issues

Laws and ethics

Ethical committee, Code of ethics and professional conduct.

Legal system: Types of law, tort law, and liabilities Legal issues in nursing: negligence, malpractice, invasion of privacy, defamation of character.

Patient care issues, management issues, employment issues, Medico legal issues Nursing regulatory mechanisms: licensure, renewal, accreditation Patients' rights, Consumer protection act(CPA)

Rights of special groups: children, women, HIV, handicap, ageing

Professional responsibility and accountability

Infection control

Teaching – Learning Process

Concepts of teaching and learning: Definition, theories of teaching and learning, relationship between teaching and learning.

Educational aims and objectives; types, domains, levels, elements and writing of educational objectives

Competency based education(CBE) and outcome based education(OBE)

Instructional design: Planning and designing the lesson, writing lesson plan: meaning, its need and importance, formats.

Measurement and evaluation:

Concept and nature of measurement and evaluation, meaning, process, purposes, problems in evaluation and measurement.

Principles of assessment, formative and summative assessment- internal assessment external examination, advantages and disadvantages.

Criterion and norm referenced evaluation

Nursing Educational programs

Perspectives of nursing education: Global and national.

Patterns of nursing education and training programmes in India. Non-university and University programs: ANM, GNM, Basic B.Sc. Nursing, Post

Certificate B.Sc. Nursing, M.Sc(N) programs, M.Phil and Ph.D) in Nursing, post basic diploma programs, nurse practitioner programs.

Curriculum Development

Definition, curriculum determinants, process and steps of curriculum development, Curriculum models, Types and framework. Formulation of philosophy, objectives, selection and organization of learning experiences; master plan, course plan, unit plan. Evaluation strategies, process of curriculum change, role of students, faculty, administrators, statutory bodies and other stakeholders. Equivalency of courses: Transcripts, credit system.