

SECTION – A

Ph.D. Entrance Examination Syllabus (Research Methodology)

UNIT	CONTENT
I	<p>Introduction:</p> <ul style="list-style-type: none"> ❖ Methods of acquiring knowledge – problem solving and scientific method. ❖ Research – Definition, characteristics, purposes, kinds of research ❖ Historical Evolution of research in nursing ❖ Basic research terms ❖ Scope of nursing research: areas, problems in nursing, health and social research ❖ Concept of evidence based practice ❖ Ethics in research ❖ Overview of Research process
II	<p>Review of Literature</p> <ul style="list-style-type: none"> ❖ Importance, purposes, sources, criteria for selection of resources and steps in reviewing literature.
III	<p>Research Approaches and designs</p> <ul style="list-style-type: none"> ❖ Type: Quantitative and Qualitative Historical, survey and experimental Characteristics, types advantages and disadvantages Qualitative: Phenomenology, grounded theory, ethnography
IV	<p>Research problem:</p> <ul style="list-style-type: none"> ❖ Identification of research problem ❖ Formulation of problem statement and research objectives ❖ Definition of terms ❖ Assumptions and delimitations ❖ Identification of variables ❖ Hypothesis – definition, formulation and types.
V	<p>Developing theoretical/conceptual framework.</p> <ul style="list-style-type: none"> ❖ Theories: Nature, characteristics, Purpose and uses ❖ Using, testing and developing conceptual framework, models and theories.
VI	<p>Sampling</p> <ul style="list-style-type: none"> ❖ Population and sample ❖ Factors influencing sampling ❖ Sampling techniques ❖ Sample size ❖ Probability and sampling error ❖ Problems of sampling
VII	<p>Tools and methods of Data collection:</p> <ul style="list-style-type: none"> ❖ Concepts of data collection

	<ul style="list-style-type: none"> ❖ Data sources, methods/techniques quantitative and qualitative. ❖ Tools for data collection – types, characteristics and their development ❖ Validity and reliability of tools
VIII	<p>Implementing research plan</p> <ul style="list-style-type: none"> ❖ Pilot Study, review research plan (design)., planning for data collection, administration of tool/interventions, collection of data
IX	<p>Analysis and interpretation of data</p> <ul style="list-style-type: none"> ❖ Plan for data analysis: quantitative and qualitative ❖ Preparing data for computer analysis and presentation. ❖ Statistical analysis ❖ Interpretation of data ❖ Conclusion and generalizations ❖ Summary and discussion
X	<p>Reporting and utilizing research findings:</p> <ul style="list-style-type: none"> ❖ Communication of research results; oral and written ❖ Writing research report purposes, methods and style, vancouver, American Psychological Association(APA), Campbell etc ❖ Writing scientific articles for publication: purposes & style

SECTION – B

(Total Marks: 50)

Ph.D. Entrance Examination Syllabus (Nursing)

UNIT	CONTENT
I	<p>Nursing as a Profession</p> <ul style="list-style-type: none"> ❖ 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, Role of regulatory bodies ❖ Professional organizations and unions-self defense, individual and collective bargaining ❖ Educational preparations, continuing education, career opportunities, professional advancement & role and scope of nursing education. ❖ Role of research, leadership and management. ❖ Quality assurance in nursing (INC). ❖ <input type="checkbox"/> Futuristic nursing.
II	<p>Nursing practice</p> <ul style="list-style-type: none"> ❖ Framework, scope and trends. ❖ Alternative modalities of care, alternative systems of health and complimentary therapies. ❖ Extended and expanded role of the nurse, in promotive, preventive, curative and restorative health care delivery system in community and institutions. ❖ Health promotion and primary health care. ❖ Independent practice issues,- Independent nurse-midwifery practitioner. ❖ Collaboration issues and models-within and outside nursing. ❖ Models of Prevention, ❖ Family nursing, Home nursing, ❖ Gender sensitive issues and women empowerment. ❖ Disaster nursing. ❖ Geriatric considerations in nursing. ❖ Evidence based nursing practice- Best practices ❖ Trans-cultural nursing.
III	<p>Management</p> <ul style="list-style-type: none"> ❖ Functions of administration ❖ Planning and control ❖ Co-ordination and delegation ❖ Decision making – decentralization basic goals of decentralization. ❖ Concept of management



	<p>Nursing management</p> <ul style="list-style-type: none">❖ 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
IV	<p>Medical Surgical Nursing: Management of patients with</p> <ul style="list-style-type: none">❖ Digestive and Gastro-Intestinal disorders❖ Cardio vascular ,circulatory and haematological disorders.❖ Respiratory, Metabolic and Endocrine disorders❖ Renal and urinary disorders❖ Neurological disorders❖ Musculo -skeletal Disorders and diseases.❖ Diseases and disorders of integumentary system.❖ Oncology nursing❖ Disorders and diseases of eye, ear, nose, and throat.❖ Communicable diseases❖ Sexually transmitted diseases❖ Emergency and disaster Nursing
V	<p>Child Health Nursing : Management of patients with</p> <ul style="list-style-type: none">❖ Digestive and Gastro-Intestinal disorders❖ Cardio vascular, circulatory and haematological disorders.❖ Respiratory, Metabolic and Endocrine disorders❖ Renal and urinary disorders❖ Neurological disorders❖ Musculo -skeletal Disorders and diseases.❖ Diseases and disorders of integumentary system.❖ Disorders and diseases of eye, ear, nose, and throat.❖ communicable diseases
VI	<p>Obstetrics and Gynaecology : Management of patients with</p> <ul style="list-style-type: none">❖ Assessment and management of antenatal, intra-natal and postnataal period❖ High-risk pregnancy - assessment & management❖ Abnormal Labour - assessment and management❖ Abnormalities during Postnatal Periods❖ Pharmaco -therapeutics in obstetrics❖ Family Welfare Programme
VII	<p>Community Health Nursing</p> <ul style="list-style-type: none">❖ Epidemiology and Nursing management of communicable and non communicable diseases❖ Population and its control❖ Health planning and policies and problems❖ Delivery of community health services

	<ul style="list-style-type: none"> ❖ Community health nursing approaches, concepts and roles and responsibilities of nursing ❖ National Health & Family Welfare Programmes and the Role of Nurse ❖ Health Agencies
VIII	<p>Mental Health Nursing</p> <ul style="list-style-type: none"> ❖ Principles and Concepts of Mental Health Nursing ❖ Assessment of mental health status ❖ Therapeutic communication and nurse-patient relationship ❖ Treatment modalities and therapies used in mental disorders ❖ Nursing management of patient with Schizophrenia, and other psychotic disorders ❖ Nursing management of patient with mood disorders ❖ Nursing management of patient with neurotic, stress related and somatization disorders ❖ Nursing management of patient with Substance use disorders ❖ Nursing management of patient with Personality, Sexual and Eating disorders ❖ Nursing management of childhood and adolescent disorders including mental deficiency ❖ Nursing management of organic brain disorders ❖ Psychiatric emergencies and crisis intervention ❖ Legal issues in Mental Health Nursing ❖ Community Mental Health Nursing