

# **M.Sc.(N) [1<sup>st</sup> Year]**

BF/2023/05

## **Nursing Education**

[Common for all Nursing Specialities]  
[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

- Note:* 1.) ***Attempt all questions.***  
2.) ***NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.***  
3.) ***The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.***

1.
    - (a) List the types of Curriculum. [3]
    - (b) Explain the determinants of Curriculum. [6]
    - (c) Describe the steps in Curriculum development. [6]
  
  2.
    - (a) Explain the principles of Evaluation. [7]
    - (b) Explain the steps in Test construction. [8]
  
  3. **Write a brief note on :**
    - (a) Item Analysis [5]
    - (b) Principles of Adult Learning [5]
  
  4. Explain the role of Indian Nursing Council in maintaining standards of Nursing Education. [10]
  
  5. **Write Short Notes on any FIVE of the following :** [5x5=25]
    - (a) Aims of Education
    - (b) Unit Plan
    - (c) Laws of Learning
    - (d) Transcript
    - (e) Projected Aids
    - (f) Critical Incident Technique
    - (g) Computer Assisted Learning
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**QP Code: MNN102**

# **M.Sc.(N) [1<sup>st</sup> Year]**

BF/2023/05

## **Advance Nursing Practice**

[Common for all Nursing Specialties]

[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

- Note: 1.) *Attempt all questions.*  
2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*  
3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. (a) Health planning process in India. [7.5]  
(b) Major stakeholders in Health care delivery and their role. [7.5]
2. (a) What is the role of Theories in Nursing Practice? [7.5]  
(b) Describe the Henderson's theory with examples. [7.5]
3. (a) Standard safety measures in Hospitals. [5]  
(b) Health needs of School age Children. [5]
4. (a) Write a brief note on Expanded role of Nurses. [5]  
(b) Describe Collaboration in Nursing Practice. [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
  - (a) Role of Regulatory Bodies in Nursing
  - (b) IEC (Information Education Communication)
  - (c) Epidemiological Methods
  - (d) Palliative Care
  - (e) Nursing Assessment
  - (f) Interpersonal Relationships in Nursing
  - (g) Principles of Power Point Presentation

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**QP Code: MNN103**

# **M.Sc.(N) [1<sup>st</sup> Year]**

BF/2023/05

## **Nursing Research & Statistics**

[Common for all Nursing Specialities]

[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

**Note:** 1.) *Attempt all questions.*

2.) *ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.*

3.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/PROVIDED*

4.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

5.) *Simple Calculator is Allowed.*

### **SECTION-A**

**[50 Marks]**

#### **(Nursing Research)**

1. (a) Explain the phases of Qualitative research design with suitable example. [5]  
(b) Explain about the Bio physiological method. [5]  
(c) Explain the purpose of Survey research and discuss the types of survey approach. [5]
2. (a) Define Sampling. List the types of sampling technique. Explain about Probability Sampling technique. [10]  
(b) Explain the process of preparing Review of literature. [5]
3. **Explain any FOUR of the following :** [5x4=20]
  - (a) Ethics in research
  - (b) Randomization
  - (c) Flow of task in ROL
  - (d) Criteria for the formulation of Problem Statement
  - (e) Probability sampling technique

### **SECTION-B**

**[25 Marks]**

#### **(Statistics)**

4. **Write Short notes on :**
  - (a) Explain type I and Type II error and enlist different measures of correlation [7]
  - (b) Define Vital statistics. Write Uses of statistics in Nursing Research. [8]
5. Calculate mean, median and mode for the following data regarding BMI of 10 patients. [10]  
BMI: 25, 28 , 30, 32, 20, 32, 30, 25, 22, 27

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**M.Sc.(N) [1<sup>st</sup> Year]**

BF/2023/05

**Medical Surgical Nursing-I**

[Medical Surgical Nursing Speciality]

[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

*Note: 1.) Attempt all questions.*

*2.) NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*

*3.) The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

*4.) Draw neat labelled diagrams wherever necessary.*

1.
  - (a) Explain about Malabsorption syndrome. [2]
  - (b) What are its clinical manifestations? [3]
  - (c) Explain the diagnostic evaluation for the said disease condition. [3]
  - (d) Explain the nursing management of the condition with special emphasis to rehabilitation and nutritional management of the patient [7]
2.
  - (a) Explain Head injury. [2]
  - (b) Type of Head Injury. [3]
  - (c) Enlist the manifestations of Cranial insult indicating Subdural hemorrhage. [3]
  - (d) Explain the emergency nursing management of patient with increased ICP with Head injury for first 48 hours. [4]
  - (e) Write about the rehabilitation management of patient with Craniotomy. [3]
3.
  - (a) Define Myocardial Infarction. [2]
  - (b) Explain the predisposing non-modifiable factors responsible for Myocardial Infarction. [3]
  - (c) Explain in detail about the biomarkers of Myocardial Infarction. [3]
  - (d) Explain the pathophysiology of Myocardial Infarction. [3]
  - (e) Describe the pharmacological management of patient with acute Myocardial Infarction with special emphasis to nurses' responsibilities during the management in the initial phase. [4]
4. **Write briefly on any TWO of the following :** [5x2= 10]
  - (a) Current health status and disease burden in India
  - (b) Ambulatory care
  - (c) National health programs related to Adult health
5. **Write Short Notes on any FOUR of the followings :** [5X4=20]
  - (a) Pneumonia
  - (b) Acute Renal Failure
  - (c) Cushing Syndrome
  - (d) Rehabilitation of the Patient with Hearing impairment
  - (e) Abuse of Elderly
  - (f) Role of nurse in disaster management

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**M.Sc.(N) [1<sup>st</sup> Year]**

BF/2023/05

**Community Health Nursing-I**

[Community Health Nursing Speciality]

[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

- Note: 1.) *Attempt all questions.*  
2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*  
3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. (a) Briefly describe the Family health nursing process. [5]  
(b) Discuss the Family centred nursing approach as applied to caring for the elderly. [10]
2. (a) Describe the relationship of Genetics and Health with appropriate examples. [10]  
(b) Explain the role of a Community health nurse in preventing Genetic disorders. [5]
3. (a) Briefly describe the development of Community health nursing in India. [5]  
(b) Critically review the functioning of the Primary health centres with a nursing perspective. [5]
4. (a) Describe the relationship between Ecosystem and Health. [5]  
(b) Explain the role of Community health workers promoting healthy ecosystems. [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
  - (a) Bhole Committee Recommendations
  - (b) Management Information System in Community Health
  - (c) Role of Skilled Birth Attendant
  - (d) Universal Health Coverage
  - (e) Waste Management in the Community
  - (f) Any one Community Health Nursing Theory
  - (g) Role of Alternative System of Medicine in India's Health Care Delivery

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**QP Code: MNN104**

# **M.Sc.(N) [1<sup>st</sup> Year]**

BF/2023/05

## **Psychiatric Mental Health Nursing-I**

[Psychiatric Nursing Speciality]  
[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

*Note:* 1.) ***Attempt all questions.***  
2.) ***NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.***  
3.) ***The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.***

1.
  - (a) Define Stress. [2]
  - (b) Discuss the Psychological adaptation to Stress. [5]
  - (c) Explain the various Stress management strategies. [8]
  
2.
  - (a) Define Nursing process. [2]
  - (b) Discuss the steps of Nursing process. [5]
  - (c) Explain 'PIE' method of Charting. [8]
  
3.
  - (a) Discuss the conditions which promote Therapeutic community. [5]
  - (b) Explain the role of Nurse in Therapeutic community. [5]
  
4.
  - (a) Techniques of Therapeutic Communication. [5]
  - (b) Therapeutic impasse and its management. [5]
  
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
  - (a) National Mental Health Programme
  - (b) Group Therapy
  - (c) Psychiatric Assessment
  - (d) Human rights of Mentally ill
  - (e) Components of Self Concept
  - (f) Mini Mental Status Examination
  - (g) E.C.T.

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**QP Code: MNN108**

# **M.Sc.(N) [1<sup>st</sup> Year]**

BF/2023/05

## **Obstetrical Nursing-I**

[Obstetrical & Gynaecological Nursing Speciality]

[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

- Note: 1.) *Attempt all questions.*  
2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*  
3.) *The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1.
  - (a) Define Pre-natal care. [2]
  - (b) Enumerate methods of Prenatal diagnosis. [7]
  - (c) How will you screen & diagnose Down's syndrome in fetus during Pregnancy. [6]
2.
  - (a) Write down the initial and daily assessment of the New born care. [7.5]
  - (b) Write down the organization and management of NICU. [7.5]
3.
  - (a) Define Infertility. [2]
  - (b) Write down the causes and investigations of Female Infertility. [3]
  - (c) Write the recent advancement and role of nurse in the management of Infertility. [5]
4.
  - (a) Define Episiotomy. [2]
  - (b) Enumerate its type, indications and advantages. [3]
  - (c) Describe the technique of Episiotomy repair, complications and its post operative care. [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
  - (a) Legal aspects in Obstetrical Nursing
  - (b) Phototherapy
  - (c) Partograph
  - (d) Water Birth
  - (e) Induction of Labor
  - (f) Apgar Scoring
  - (g) Antenatal Examination

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# **M.Sc.(N) [1<sup>st</sup> Year]**

BF/2023/05

## **Pediatric Nursing-I**

[Child Health(Pediatric) Nursing Speciality]  
[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

- Note: 1.) *Attempt all questions.*  
2.) ***NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.***  
3.) ***The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.***

1.
  - (a) Define Developmental assessment. [3]
  - (b) Explain physical development milestones of a Toddler. [6]
  - (c) Explain the stages of Psychosocial development. [6]
  
2.
  - (a) Define Preventive pediatrics. [3]
  - (b) Explain importance of Exclusive breast feeding. [5]
  - (c) Explain steps of Baby Friendly hospital initiative. [7]
  
3.
  - (a) Define term Newborn. [2]
  - (b) Enumerate characteristics of a term Newborn. [4]
  - (c) Differentiate Term and Pre –term Newborn [4]
  
4.
  - (a) Define Child abuse. [2]
  - (b) Enumerate signs of Child abuse. [4]
  - (c) Role of nurse while caring for a child with Child abuse. [4]
  
5. **Write Short notes on any FIVE of the following :** [5x5=25]
  - (a) Ethical Issues in Paediatric Care
  - (b) History Taking
  - (c) Effects of Hospitalization on Child and Family
  - (d) Importance of Prenatal Care
  - (e) Management of a Child with Temper Tantrums
  - (f) Classification of Pneumonia as per IMNCI
  - (g) Rights of Children

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# **M.Sc.(N) [2<sup>nd</sup> Year]**

BF/2023/05

## **Nursing Management**

[Common for all Nursing Specialties]

[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

Note: 1.) *Attempt all questions.*  
2.) ***NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.***  
3.) ***The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.***

1.
  - (a) Define Supervision. [2]
  - (b) Describe functions of Supervision. [5]
  - (c) Explain the stages of Supervisory technique. [8]
  
2.
  - (a) Define Nursing administration. [2]
  - (b) Discuss the principles of Administration. [8]
  - (c) Explain the role of Nurse as an Administrator. [5]
  
3.
  - (a) Explain the internal and external Nursing audit. [5]
  - (b) Describe the steps of Nursing audit process. [5]
  
4. **Briefly describe any TWO of the following :** [5x2=10]
  - (a) Methods of patient assignment
  - (b) Decision making
  - (c) Conflict management
  - (d) Lobbying
  
5. **Write short notes on any FIVE of the following :** [5x5=25]
  - a. Medico Legal Issues
  - b. Role of a Nurse in Infection control
  - c. Recruitment
  - d. Job analysis
  - e. Code of Ethics and Professional Conduct
  - f. Gantt Chart
  - g. Public relations

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**M.Sc.(N) [2<sup>nd</sup> Year]**

BF/2023/05

**Psychiatric (Mental Health) Nursing - II**

[Psychiatric Nursing Speciality]  
[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

- Note:* 1.) ***Attempt all questions.***  
2.) ***NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.***  
3.) ***The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.***

1. (a) Describe the significance of Psychosocial rehabilitation for a Mentally ill patient. [5]  
(b) Explain the role of a nurse in Crisis intervention. [10]
2. (a) Discuss anger in people as a serious problem in our society, and the consequences of anger. [3+4= 7]  
(b) Describe the role of a Community mental health nurse in management of anger in people in Society. [8]
3. **Discuss Nursing Care for patient with the following conditions:**  
(a) Paranoid schizophrenia [5]  
(b) Alcohol use disorder [5]
4. (a) Justify the statement: 'Many physical diseases have psychological stress and conflict as the Root cause'. [4]  
(b) Mr. M, 25 years old male patient in Psychiatry Ward is having elation of mood, hyperactivity and decreased need to take food for the past 10 days. What may be his probable diagnosis and why. Also write nursing care plan for Mr. M for symptoms described here. [2+4= 6]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
  - (a) Mental retardation
  - (b) Risk factors for Suicide
  - (c) Anti- social personality disorder
  - (d) Conversion disorder
  - (e) Psychosocial problems of Elderly people
  - (f) Adjustment disorders
  - (g) Delirium

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**M.Sc.(N) [2<sup>nd</sup> Year]**

BF/2023/05

**Community Health Nursing - II**

[Community Health Nursing Speciality]  
[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

- Note:* 1.) ***Attempt all questions.***  
2.) ***NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.***  
3.) ***The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.***

1. (a) List the epidemiology of Tuberculosis. [2]  
(b) Briefly describe the key features of National TB elimination programme (NTEP) with focus on new changes. [5]  
(c) Discuss the role of community health nurse in NTEP implementation. [8]
2. (a) Enumerate the trends in Geriatric care. [2]  
(b) Briefly describe the Ageing process. [5]  
(c) Discuss the role of Geriatric nurse in care of elderly in the Community. [8]
3. (a) Briefly describe the common Adolescent health problems. [5]  
(b) Describe the role of a community health nurse in prevention and management of Adolescent health conditions. [5]
4. (a) Briefly describe the community nursing audit. [5]  
(b) Explain the role of community health nurse in organisation of Outreach services. [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
  - a. Substance use
  - b. Vocational rehabilitation
  - c. Integrated quarantine
  - d. Legal issues in occupational health
  - e. Essential components of RCH-II
  - f. National Integrated Disease Surveillance Programme
  - g. Scope of guidance and counselling in school health

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**M.Sc.(N) [2<sup>nd</sup> Year]**

BF/2023/05

**Pediatric (Child Health) Nursing - II**

[Child Health(Pediatric) Nursing Speciality]

[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

*Note: 1.) Attempt all questions.*

*2.) NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*

*3.) The Student must write O.P. Code in the space provided on the Title Page of the Answer Book.*

1.
  - (a) Define Hepatitis. [2]
  - (b) Describe pathophysiology of Hepatitis. [5]
  - (c) Write nursing management for the child diagnosed with Hepatitis. [8]
2. **Baby of Radha is diagnosed with the condition of Spina bifida.**
  - (a) Define term Spina bifida. [2]
  - (b) What are the specific signs & symptoms of Spina bifida? [5]
  - (c) Discuss nursing intervention for the child suffering with Spina bifida. [8]
3. **Describe nursing management of Child with following conditions on any TWO :** [5x2=10]
  - (a) Legal and ethical issues in Paediatric intensive care
  - (b) Neonatal seizures
  - (c) Wilm's tumor
4. **Discuss the following :**
  - (a) Attention deficit hyperactive disorders (ADHD) [5]
  - (b) Neonate intensive care unit [5]
5. **Write Explanatory Notes on any FIVE of the following :** [5x5=25]
  - (a) Discuss importance of documentation in Nursing.
  - (b) Explain about drug interactions in Paediatric patients.
  - (c) Write nursing intervention of the Hospitalized child.
  - (d) Describe nursing management of Mentally challenged child.
  - (e) Plan In-service education programme for Paediatric Ward Nurses
  - (f) Discuss nursing management of LBW babies.
  - (g) Care of child with Nephrotic Syndrome

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# **M.Sc.(N) [2<sup>nd</sup> Year]**

BF/2023/05

## **Obstetric and Gynaecological Nursing - II**

[Obstetrical & Gynaecological Nursing Speciality]

[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

- Note:* 1.) ***Attempt all questions.***  
2.) ***NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.***  
3.) ***The Student must write O.P. Code in the space provided on the Title Page of the Answer Book.***

1.
  - (a) Define Antepartum hemorrhage. [2]
  - (b) Differentiate between Placenta previa and Abruptio placenta. [5]
  - (c) Explain management and complication of Placenta previa. [8]
  
2.
  - (a) List common Obstetrical emergencies. [2]
  - (b) Enumerate the causes of Rupture of the uterus. [5]
  - (c) Explain the management of Rupture uterus. [8]
  
3.
  - (a) Define Puerperal sepsis. [2]
  - (b) Enumerate causes of Puerperal sepsis. [3]
  - (c) Discuss about the medical and nursing management of women with Puerperal sepsis. [5]
  
4.
  - (a) Enumerate indication and contraindication for Induction of labour. [5]
  - (b) Describe various method used for Induction of labour. [5]
  
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
  - (a) Prolonged pregnancy
  - (b) Effects of diabetes on pregnancy
  - (c) Sub involution of uterus
  - (d) Types of birth injuries and its management
  - (e) Quality assurance in Obstetrics
  - (f) Uterine fibroid
  - (g) Outline guidelines for managing a woman in labour with HIV/AIDS

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**M.Sc.(N) [2<sup>nd</sup> Year]**

BF/2023/05

**Medical Surgical Nursing - II**  
**(Sub Speciality - Cardio Vascular and Thoracic Nursing)**

[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max**

**Marks : 75**

*Note: 1.) Attempt all questions.*

*2.) NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*

*3.) The Student must write O.P. Code in the space provided on the Title Page of the Answer Book.*

1. **Mrs. S, 38 years old was admitted with diagnosis of Rheumatic heart disease (RHD). Answer under following heading:** [1+4+2+3+5= 15]
  - (a) Define RHD.
  - (b) Explain the clinical manifestations and modified Jones Criteria.
  - (c) Enlist the complications of RHD.
  - (d) Describe the collaborative care for Mrs. S – (i) Medical care (ii) Nursing care
2. **Baby X, one month old child, admitted with diagnosis of Hypoplastic left heart syndrome (HLHS) in CTVS Ward for surgery:**
  - (a) Define HLHS. [2]
  - (b) Enlist the sign and symptoms and complications of HLHS. [5]
  - (c) Discuss the surgical interventions and nursing care of baby X. [8]
3. **Mr. Y, 67 years old admitted Critical Care Unit with complaints of paroxysmal nocturnal dyspnea, orthopnea, cough with frothy sputum, restlessness, confusion. Discuss his condition under following heading:**
  - (a) What is the most probable diagnosis? [1]
  - (b) Explain the pathophysiology of the condition. [4]
  - (c) Write the nursing management for him during his stay in coronary care unit. [5]
4. **Mr. X, 60 yrs old is admitted to Cardiology ward with a diagnosis of Dilated Cardiomyopathy with 20% Ejection Fraction.**
  - (a) Describe the causes and types of Cardiomyopathy. [5]
  - (b) Explain the medical and nursing management of Mr. X. [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
  - (a) Rehabilitation of after cardiac surgery
  - (b) Raynaud's disease
  - (c) Role of nurse in cardiac transplantation
  - (d) Antihypertensive drugs
  - (e) Quality assurance in advance cardiac nursing practice
  - (f) Current trends in interventional cardiology techniques
  - (g) Care of patient with Pacemaker

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**M.Sc.(N) [2<sup>nd</sup> Year]**

BF/2023/05

**Medical Surgical Nursing - II**  
**(Sub Speciality - Critical Care Nursing)**

[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max**

**Marks : 75**

Note: 1.) *Attempt all questions.*

2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*

3.) *The Student must write O.P. Code in the space provided on the Title Page of the Answer Book.*

1. **As a Nursing administrator you have to set up Critical care unit of 25 beds. Answer the following :**

- (a) Concepts of critical care nursing [5]
- (b) Design critical care unit of 25 beds [5]
- (c) Drugs used in Critical care unit. [5]

2. **Discuss the pathophysiological changes and clinical manifestation of the following :** [5x3=15]

- (a) Acute intestinal obstruction
- (b) AIDS
- (c) Syndrome of inappropriate Antidiuretic hormone secretion (SIADH)

3. **Write the nursing management of the following :** [5+5= 10]

- (a) Patient with increased intracranial pressure
- (b) Patients with hypertensive crisis

4. (a) Discuss the Theories of Pain. [4]  
(b) Explain pharmacological and non-pharmacological management of Pain. [6]

5. **Write Short Notes on any FIVE of the followings :** [5x5=25]

- (a) Renal transplant
  - (b) Disseminated intravascular coagulation
  - (c) Ophthalmic emergencies
  - (d) Cardio version
  - (e) Standard safety measures in ICU
  - (f) Legal issues in critical care
  - (g) Critical care psychosis
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**M.Sc.(N) [2<sup>nd</sup> Year]**

BF/2023/05

**Medical Surgical Nursing – II**  
**(Sub Specialty - Neurosciences Nursing)**

[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

*Note: 1.) Attempt all questions.*

*2.) NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*

*3.) The Student must write O.P. Code in the space provided on the Title Page of the Answer Book.*

1. **Mrs. Sita, 69 years was brought to Emergency with high Hemiparesis and Slurring of speech. She is E4V dysphasia M6. She is also noticed to have Facial deviation:**
  - (a) Discuss the types of Stroke. [5]
  - (b) Discuss the emergency management of Mrs. Sita. [5]
  - (c) How will you assess Mrs. Sita for Thrombolysis eligibility. [5]
2. **Mr. X, 45 years has sustained Cervical spine injury C4- C5 level after a fall.**
  - (a) Discuss the types of Spinal cord injury. [4]
  - (b) Discuss the management modalities for Mr. X. [4]
  - (c) Discuss the ongoing nursing care of Mr. X. [7]
3. **Mrs. Y is diagnosed to have high grade Glioma in left frontal lobe.**
  - (a) Discuss the causes and types of Brain tumors. [5]
  - (b) Discuss the management modalities of Brain tumors. [5]
4.
  - (a) Prepare a physical plan of an ideal trauma ICU. [5+5=10]
  - (b) Discuss the various protocols you will adopt for trauma ICU.
5. **Write Short Notes on any FIVE of the followings :** [5x5=25]
  - a. Brain death
  - b. Alzheimer's disease
  - c. Gamma knife
  - d. Antiepileptic drugs
  - e. Glasgow coma scale
  - f. Bacterial meningitis
  - g. Brain tumours

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**M.Sc.(N) [2<sup>nd</sup> Year]**

BF/2023/05

**Medical Surgical Nursing - II**  
**(Sub Speciality – Nephro – Urology Nursing)**

[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

**Note:** 1.) *Attempt all questions.*

2.) *NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*

3.) *The Student must write Q.P. Code in the space provided on the Title*

*Page of the Answer Book.*

1. **Mr. X, 65 years old is admitted in Urological Ward with the diagnosis of Renal Cell Carcinoma. Answer the following:**
  - (a) Explain the etio-pathophysiology of Renal Cell Carcinoma. [3]
  - (b) Enlist the clinical features of Renal Cell Carcinoma. [3]
  - (c) Discuss the possible surgical interventions for Mr. X. [4]
  - (d) Write the pre and post operative nursing management for Mr. X. [5]
2. **Mrs. 'Y' age 30 years is admitted in Nephrology Ward with the diagnosis of Nephrotic Syndrome (NS). Answer the following:**
  - (a) Explain the etio-pathogenesis of Nephrotic Syndrome. [3]
  - (b) Write clinical manifestation and laboratory tests for Nephrotic Syndrome. [3]
  - (c) Discuss the medical management for Mrs. Y. [4]
  - (d) Write nursing management and post discharge health education for Mrs. Y. [5]
3. **Write notes on the followings :**
  - (a) Application of evidence based nursing practice in nephro-urological nursing [5]
  - (b) Physiology of urine formation [5]
4. **Write Nurses responsibilities in the following:**
  - (a) Urologic endoscopic procedures [5]
  - (b) Urinary incontinence [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
  - a. Continuous ambulatory peritoneal dialysis (CAPD)
  - b. Ethics in transplants
  - c. Infantile Nephrosis
  - d. Rehabilitation of patients after urinary diversions
  - e. Professional practice standards in nephro-urological nursing
  - f. Trends and issues in nephro-urological nursing
  - g. Bladder trauma

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**M.Sc.(N) [2<sup>nd</sup> Year]**

BF/2023/05

**Medical Surgical Nursing - II**  
**(Sub Speciality - Oncology Nursing)**

[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

*Note:* 1.) **Attempt all questions.**  
2.) **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.**  
3.) **The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.**

1. **Mrs. Rekha 43 year's woman is diagnosed as a Breast cancer stage- III case.**
  - (a) Define cancer of Breast. [2]
  - (b) Write pathophysiology and signs& symptoms of Ca breast. [6]
  - (c) Explain management of Ca breast and plan a rehabilitation programme for Mrs. Rekha. [7]
2. **Mr. Jivan 73 years man is admitted in Cancer ward with the diagnosis of Lung cancer.**
  - (a) Define and enlist the types of Lung cancer. [3]
  - (b) Write the signs & symptoms and diagnostic evaluations for Lung cancer. [5]
  - (c) Explain medical and nursing management of patient with Lung cancer. [7]
3.
  - (a) Explain Normal cell biology. [4]
  - (b) Discuss secondary prevention strategies used for prevention of cancer. [6]
4. **A 38 years old male is admitted in Neuro unit with a diagnosis of Brain tumor.**
  - (a) Enlist the various types of Brain tumors. [2]
  - (b) Discuss Stereotactic radiation therapy. [3]
  - (c) Explain management of a patient with Brain tumor. [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
  - (a) Palliative care
  - (b) Tumor markers
  - (c) Oncological emergencies
  - (d) Role of nurse in preventive oncology
  - (e) Principles of chemotherapy
  - (f) Gene therapy
  - (g) Infection control in cancer patient

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**M.Sc.(N) [2<sup>nd</sup> Year]**

BF/2023/05

**Medical Surgical Nursing - II**  
**(Sub Speciality - Orthopedic Nursing)**

[NEW SCHEME-w.e.f. 2008 admission]

**Time : 3 Hours**

**Max Marks : 75**

*Note: 1.) Attempt all questions.*

*2.) NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.*

*3.) The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.*

1. **Mr. A, 45 years old lady is diagnosed with Rheumatoid arthritis. Discuss the case under following headings:-**
  - (a) Define Rheumatoid Arthritis. [2]
  - (b) Describe aetiology and pathophysiology of Rheumatoid Arthritis. [4]
  - (c) Enlist clinical features of Rheumatoid Arthritis. [3]
  - (d) Explain medical, surgical and nursing management for the above client. [6]
2. **Mr. X, 60 year old client, hospitalized in Orthopedic Unit is planned for Total Hip Replacement therapy. Answer the following questions:**
  - (a) Define Total Hip Replacement Therapy. Enlist its indications and Contraindications. [3]
  - (b) Discuss in detail the diagnostic panel and pre-operative preparation of the client. [5]
  - (c) Describe the immediate post operative management of client through application of nursing process based upon appropriate nursing theory. [5]
  - (d) List down complications of Total Hip Replacement Therapy. [2]
3.
  - (a) Discuss briefly the classification of Bone tumor. [2]
  - (b) Enlist the investigations for diagnosing Bone tumor. [2]
  - (c) Discuss the treatment modalities of the client with Bone tumor. [6]
4. **Describe the followings :-**
  - (a) Physical assessment of an Orthopedic patient [4]
  - (b) Care of patient with Skeletal traction [3]
  - (c) Ankylosing Spondylitis [3]
5. **Write Explanatory Notes on any FIVE of the following :** [5x5=25]
  - a. Self care activities of daily living of an orthopedic patient
  - b. Graft and flap surgeries
  - c. Chest physiotherapy
  - d. Legal and ethical issues in rehabilitation of an orthopedic patient
  - e. Drugs used in orthopedic and neuromuscular disorders
  - f. Osteomalacia
  - g. Computer related deformities

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