

M.Sc. Nursing (Nurse Practitioner in Critical Care) [1st Year]

BF/2021/10

**Advanced skills in Leadership Management
and Teaching Skills**

[Common for all]

[NEW SCHEME-w.e.f. 2017 admission]

Time : 3 Hours

Max Marks : 70

- 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.(i) (a) List the causes of Stress among Nurses. [7]
(b) Elaborate the measures to manage Stress for Nurses. [8]

OR

- (ii) (a) Discuss the characteristics of a Good Leader. [7]
(b) List the advantages and disadvantages of Autocratic style and Laissez Faire style of Leadership. [8]
2. (a) What are the causes of Conflict among Nursing Professionals. [7]
(b) Explain the techniques of Conflict resolution. [8]

3. Define Budgeting. Explain the steps of Budgeting. [10]

4. Explain any two Motivational Theories. [10]

5. Write Short Notes on any **FOUR** of the following : [4x5=20]

- (a) Patient Care Modalities
(b) Decision making Steps
(c) Difference between Manager and Leader
(d) Mentoring Nurses
(e) Family Counselling
(f) Nursing Audit
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BF/2021/11

Advanced Pathophysiology and Advanced Pharmacology relevant to Critical Care

[Common for all]

[NEW SCHEME-w.e.f. 2017 admission]

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1. (a) Describe pathophysiological process of Rheumatic Heart Disease. [5]
(b) Discuss the medical and surgical management of Rheumatic Heart Disease. [8]
2. (a) Explain pathophysiology of Chronic Obstructive Pulmonary Disease.[5]
(b) Discuss the medical and surgical management of Chronic Obstructive Pulmonary Disease. [8]
3. (a) Classify Diuretics. [5]
(b) Mechanism of action of Diuretics. [4]
(c) Pharmacological management of Acute Renal Failure. [5]
4. **Answer briefly any FIVE of the following :** [5x2= 10]
(a) Differentiate between Adrenaline and Nor Adrenaline.
(b) Differentiate between Diabetic Mellitus and Diabetic Insipidus.
(c) Differentiate between Atherosclerosis and Arteriosclerosis
(d) ACS is a umbrella terms which includes _____
(e) COPD defines as _____
(f) Normal intracranial pressure is _____
5. **Write Short Notes on any FOUR of the following :** [4x5=20]
(a) Hepatitis B
(b) Septic Shock
(c) Hyperosmolar Non Ketotic Syndrome
(d) Psoriasis
(e) Cardiac Resynchronization Therapy
(f) Anthelminthic Therapy _____

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Advance Health/ Physical Assessment

[Common for all]

[NEW SCHEME-w.e.f. 2017 admission]

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1.(i) **Mrs. X 68 year old is admitted in Onco Surgery Ward with diagnosis of CA Prostate and planned for Prostatectomy.**

- (a) Write down the specific assessment that will be done on Mrs. X. [3]
(b) Discuss investigation to be carried out for the Patient. [6]
(c) Describe in detail pre-post assessment, preparation of Patient before Prostatectomy. [6]

OR

(ii) **Mrs. Y, admitted in Emergency Ward with diagnosis of Dilated Cardiomyopathy.**

- (a) Write down detailed assessment along with specific history of the Patient. [8]
(b) Discuss investigations to be carried out for the Patient. [7]

2. **Mr. Raju, 70 years admitted in Kidney Unit with diagnosis of Renal Calculi.**

- (a) Write down the general physical examination of Patient. [3]
(b) What specific diagnostic investigations Patient has to undergo. [6]
(c) Write down in detail the pre-post assessment preparation before Lithotripsy. [6]

3. (a) Discuss in detail the assessment for Pheochromocytoma. [5]
(b) Diagnostic investigation for Meningitis. [5]

4. (a) Write down specific assessment of first and second trimester of Antenatal Mother. [5]
(b) Discuss Nutritional assessment of Infant. [5]

5. **Write Short Notes on any FOUR of the following :** [4x5=20]

- (a) CT Scan
(b) Cardio Assessment
(c) Gait Assessment
(d) Tonsillitis
(e) Physical Assessment of Elderly
(f) Hyperpara Thyroidism
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QP Code: MNP105

M.Sc. Nursing (Nurse Practitioner in Critical Care)
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Theoretical Basis For Advanced Practice Nursing

[Common for all]

[NEW SCHEME-w.e.f. 2017 admission]

Time : 3 Hours

Max Marks : 70

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- 1.(i) (a) Define Nursing process and briefly explain its components. [5]
(b) Discuss the methods of Assessment. [5]
(c) Prepare a Hypothetical nursing process for a patient on mechanical ventilator due to Pneumonia. [5]

OR

- (ii) (a) Discuss the extended and expanded roles of Nurses. [5]
(b) Discuss the competencies required by a Critical care nurse practitioner. [5]
(c) What is the role of Preceptorship in nurse practitioner training ? [5]
2. (a) Discuss Orem's Theory. [8]
(b) Discuss its implication in Progressive patient care. [7]
3. Discuss the practice standards for Nurses in India. [10]
4. Discuss briefly about the Global healthcare challenges. [10]
5. **Write Short Notes on any FOUR of the following :** [4x5=20]
(a) Scope of Critical Care Nurse Practitioner in India
(b) Nursing Informatics
(c) Levels of Prevention
(d) Microeconomics in Healthcare in India
(e) Impact of New Education Policy on Nursing Education
(f) Dimensions of Advanced Nursing Practice Role
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**Research Application and Evidence
Based Practice in Critical Care**

[Common for all]
[NEW SCHEME-w.e.f. 2017 admission]

Time : 3 Hours

Max Marks : 70

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- 1.(i) (a) Integrating EBP to ICU environment. [5]
(b) Research designs [5]
(c) Research Objectives. [5]

OR

- (ii) (a) Write about significance of research and inquiry related to Advanced nursing role. [10]
(b) What are the barriers to implement Evidence Based Practice. [5]
2. (a) Discuss interview as a method of Data collection and tools used. [10]
(b) Explain uses of ANOVA with examples. [5]
3. Discuss areas of evidence in Critical Care. Give one example in details. [10]
4. (a) List the factors influencing Sampling. [4]
(b) Discuss strategies to promote Evidence Based Practice. [6]
5. **Write Short Notes on any FOUR of the following :** [4x5=20]
(a) Characteristics of Normal Distribution Curve
(b) Purposes of Review of Literature in Nursing
(c) Measures of Central Tendency
(d) Sampling Error
(e) Reliability of Tools
(f) Quantitative Research
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M.Sc. Nursing (Nurse Practitioner in Critical Care) [2nd Year]

BF/2021/09

Foundation of Critical Care Nursing Practice

[Common for all]

[NEW SCHEME-w.e.f. 2017 admission]

Time : 3 Hours

Max Marks : 70

- 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) Discuss the Respiratory Assessment of a patient in detail. [7]
(b) Discuss the management of a patient suffering with ARDs. [8]

2. (a) What are the different methods of assessing Nutritional status of a patient admitted in ICU. [5]
(b) Discuss the care of the patient on Enteral and Parental Nutrition. [10]

3. (a) Define Euthanasia. [2]
(b) Discuss different strategies for promoting ethical decision making in Critical Care Setting. [8]

4. (a) Discuss the management of sleep pattern disturbance of a patient in ICU. [6]
(b) Discuss methods of Infection Control in ICU. [4]

5. Answer briefly any **FOUR** of the following : [4x5=20]
 - (a) Progressive Patient Care
 - (b) ABG Analysis
 - (c) Organ System Failure
 - (d) Mechanical Ventilation
 - (e) Pharmacological Pain Management
 - (f) Chest Physiotherapy

QP Code: MNP202

M.Sc. Nursing (Nurse Practitioner in Critical Care) [2nd Year]

BF/2021/11

Critical Care Nursing- I

[Common for all]

[NEW SCHEME-w.e.f. 2017 admission]

Time : 3 Hours

Max Marks : 70

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. Arvind, 50 years old is admitted in Coronary Care Unit with diagnosis of Myocardial Infarction.

- (a) Explain the pathophysiology of Myocardial Infarction. [3]
- (b) Enlist the signs and symptoms of Myocardial Infarction. [3]
- (c) Discuss Thrombolytic therapy in MI. [3]
- (d) Discuss the nursing management of Mr. Arvind. [6]

2. Mr. Lokesh, 50 years old is admitted in the Neurology ICU with a diagnosis of Cerebro Vascular accident.

- (a) Discuss the etiology of Cerebro vascular accident. [3]
- (b) Enlist the clinical manifestations of Cerebro vascular accident. [4]
- (c) Discuss the nursing management for Mr. Lokesh. [8]

3. (a) Describe the pathophysiology of Acute necrotizing pancreatitis. [4]
(b) Discuss nursing management of Acute necrotizing pancreatitis. [6]

4. (a) Discuss the types of Respiratory failure. [5]
(b) Describe the nursing management of a patient with Mechanical ventilation. [5]

5. Answer briefly any FOUR of the following : [4x5=20]

- (a) Increased Intra Cranial Pressure
 - (b) Hepatic Encephalopathy
 - (c) Renal Replacement Therapy
 - (d) Autonomic Dysreflexia in Spinal Cord Injury
 - (e) Thyrotoxicosis
 - (f) ICU Psychosis
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M.Sc. Nursing (Nurse Practitioner in Critical Care) [2nd Year]

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Critical Care Nursing- II

[Common for all]

[NEW SCHEME-w.e.f. 2017 admission]

Time : 3 Hours

Max Marks : 70

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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 Intracranial haemorrhage. Write its clinical features. [4]
(b) Discuss the pathophysiology of Intracranial haemorrhage and diagnostic measures to confirm the diagnosis. [4]
(c) Discuss the medical and nursing management of Intracranial haemorrhage. [7]
2. (a) Define Neonatal sepsis. Write its clinical features. [4]
(b) Discuss the pathophysiology of Neonatal sepsis and diagnostic measures to confirm the diagnosis. [4]
(c) Discuss the medical and nursing management of Neonatal sepsis. [7]
3. (a) Discuss the care of patient with Avian flu. [5]
(b) Discuss the specific critical care of a patient with Tetanus. [5]
4. (a) Discuss the care of Woman with PPH. [5]
(b) Discuss the hospital associated risk factors for Paediatric patients. [5]
5. **Answer briefly any FOUR of the following :** [4x5=20]
(a) HELLP Syndrome
(b) Autologous Blood Transfusion
(c) Envenomation
(d) Dehydration
(e) Pain Management
(f) Dysrhythmias
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