

B.Sc.(N) [1st Year]

BF/2021/06

Anatomy & Physiology

[New Scheme w.e.f. 2006]

Time : 3 Hours

Max Marks : 75

Note: 1.) *Attempt all questions.*

2.) **USE SEPARATE ANSWER BOOK FOR EACH PART.**

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

SECTION-A

[37 Marks]

QP Code: BNN101

[ANATOMY]

1. (i) (a) Draw a labelled diagram of the Human cell structure. [2]
(b) Discuss the general structure of a Long bone. [4]
(c) Describe structure of the Brain stem. [4]

OR

- (ii) (a) Draw a labelled diagram of the Cardiac muscle fibres. [2]
(b) Discuss the classification of Joint. [4]
(c) Describe structure of the Eye. [4]
2. (a) Draw a labeled diagram of an Artery. [2]
(b) Discuss the structure of the Heart. [4]
(c) Describe the structure of the Trachea. [4]
3. **Describe in brief any TWO of the following :** [2½x2=5]
(a) Draw a labelled diagram of the Pancreas.
(b) Discuss the gross structure of the Kidney.
(c) Describe the structure of the Breast.
4. **Write Short Notes on any FOUR of the following :** [3x4=12]
(a) Healing of Bone (b) Peripheral nerves
(c) Lymphatic nodules (d) Pituitary gland
(e) Structure of skin (f) Paired directional terms used in anatomy

SECTION-B

[38 Marks]

QP Code: BNN102 [PHYSIOLOGY]

1. (i) (a) Describe the functions of Loose (areolar) connective tissue. [2]
(b) Discuss the movements possible at Synovial joints. [4]
(c) Enlist the muscles of the Shoulder and Upper Limb. [4]

OR

- (ii) (a) Enlist the functions of the Cerebral cortex. [2]
(b) Discuss the Pulmonary circulation. [4]
(c) Identify the functions of the Pleura. [4]
2. (a) Explain the role of Saliva in digestion. [2]
(b) Discuss maintenance of Body water and Electrolyte balance. [4]
(c) Describe the physiology of Hearing. [4]
3. **Describe in brief any TWO of the following :** [3x2=6]
(a) Explain the functions of Anterior pituitary gland.
(b) Discuss the functions of the Uterus.
(c) Describe the functions of T- cells and B cells
4. **Write Short Notes on any FOUR of the following :** [3x4=12]
(a) Portal circulation
(b) Puberty in male
(c) Spinal nerves
(d) Coronary circulation
(e) Functions of gall bladder
(f) Spleen

B.Sc.(N) [1st Year]

BF/2021/06

Nutrition & Biochemistry

[New Scheme w.e.f. 2006]

Time : 3 Hours

Max Marks : 75

Note: 1.) *Attempt all questions.*

2.) **USE SEPARATE ANSWER BOOK FOR EACH PART.**

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

SECTION-A

[45 Marks]

QP Code: BNN103

[NUTRITION]

1. (a) What is Electrolyte imbalance. [2]
(b) Write about function of Food. [4]
(c) Role of nurse in Nutrition education [4]
2. (a) Principles of Cooking [2]
(b) Various methods of Cooking [4]
(c) What is the Therapeutic diet with examples [4]
3. (a) Define Malnutrition. [2]
(b) Elements of Nutrition [4]
(c) National iodine deficiency disorder programme [4]
4. **Write Short Notes on any THREE of the following :** [3x5=15]
(a) Hypervitaminosis (b) Basal Metabolic Rate
(c) Assessment of Nutritional status (d) Budgeting of Food
(e) Under Weight

SECTION-B

[30 Marks]

QP Code: BNN104

[BIOCHEMISTRY]

1. (i) (a) Explain the classification of Polysaccharides with suitable examples. [5]
(b) Discuss the pathway of Glycolysis (Embden- Meyerhof pathway) and energy yield during aerobic and anaerobic glycolysis. [5]
 - OR**
 - (ii) (a) Describe briefly about the Immune response. [5]
(b) Write the classification of Lipoproteins and their functions. [5]
 2. Give the classification of Enzymes with suitable examples. [5]
 3. **Write Short Notes on any FIVE of the following :** [3x5=15]
(a) ELISA (b) Atherosclerosis
(c) Cytoskeleton (d) Structure and functions of Endoplasmic reticulum
(e) Essential Amino acids (f) Absorption, transport and biochemical function of Vitamin A
(g) Protein synthesis
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B.Sc.(N) [1st Year]

BF/2021/06

Nursing Foundations

[New Scheme w.e.f. 2006]

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. (i) Explain briefly:
- (a) Scope of Nursing practice [5]
 - (b) Impact of Illness on patient [5]
 - (c) Types of Discharge from hospital. [5]

OR

- (ii) Explain the following:
- (a) Phases of helping relationship [5]
 - (b) Difference between Medical and Nursing diagnosis [5]
 - (c) Professional code of conduct [5]
2. **Mrs. X after Abdominal surgery complains about constipation and is fearful of catching infection. Explain the nursing care interventions for the following :**
- (a) Constipation associated discomfort [5]
 - (b) Prevention of wound infection [5]
 - (c) Promoting sleep and rest [5]
3. **Mr. Y is admitted in Medical ward with Severe food poisoning and currently he is complaining of pain abdomen, diarrhea and vomiting. Write about :**
- (a) Management of pain abdomen [5]
 - (b) Nurses responsibilities in fluid and electrolyte replacement. [5]
4. **Describe briefly :**
- (a) Complications of wound healing [5]
 - (b) Personal protective equipments [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
- (a) Orem's selfcare theory
 - (b) Organ donation
 - (c) Evaluation as last step of nursing process
 - (d) Nursing interventions in Oxygenation
 - (e) Methods of Physical examination
 - (f) Purposes of medication
 - (g) Nursing care in body temperature alterations
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B.Sc.(N) [1st Year]

BF/2021/06

Psychology

[New Scheme w.e.f. 2006]

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. (i) (a) Define Memory. [3]
(b) What are the various factors which influence Memory? [5]
(c) Explain various methods of Memory. [7]

OR

- (ii) How can a nurse assess and manage the psychological needs of an old. [15]

2. (a) Define Emotions? [3]
(b) List various components of Emotions? [5]
(c) What are the role of Emotions in health and disease? [7]

3. (a) What is Attention? [2]
(b) What is the difference between voluntary and involuntary Attention? [4]
(c) Explain various types of Conflicts? [4]

4. (a) List various methods of Psychology. [3]
(b) Discuss any one methods of the Psychology in detail? [3]
(c) What do you mean by Psychology of sensation? [4]

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

- (a) Nature of Learning
(b) Long Term Memory
(c) Psychoanalytical Theory of Personality
(d) Social Motives
(e) Concept of Aptitude
(f) Learning by Trail and Error
(g) Muscular and Grandular Controls of Behavior
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B.Sc.(N) [1st Year]

BF/2021/06

Microbiology

[New Scheme w.e.f. 2006]

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. (i) (a) Define the Generation time. [3]
(b) Describe the Bacterial growth curve. [5]
(c) Write about factors affecting growth of Bacteria. [7]

OR

- (ii) (a) Define Antibody. [4]
(b) Classify Antibodies. [5]
(c) Describe briefly about IgG. [6]

2. **Write in brief:**

- (a) Autoclave [5]
(b) Laboratory diagnosis of Enteric fever [5]
(c) Laboratory diagnosis of UTI [5]

3. **Write in brief :**

- (a) *Entamoeba histolytica* [5]
(b) Hook worm [5]

4. **Write in brief:**

- (a) Herpes simplex virus [5]
(b) HIV [5]

5. **Write Short Notes on any FIVE :**

[5x5=25]

- (a) Koch postulates
(b) Diphtheria
(c) Classical complement pathway
(d) Laboratory diagnosis of Diarrhoea
(e) Sporotrichosis
(f) Mucormycosis
(g) DPT vaccine
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B.Sc.(N) [1st Year]

BF/2021/06

English

[New Scheme for admission upto 2018-19]

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. **Write an Essay in about 300 words on any ONE of the following:** [15]

- (a) India of the future (b) Fashion in your life
(c) An unforgettable day (d) Career is important in life

2. Your friend has been offered a good job. Write a letter offering some advice and congratulations. [10]

3. What is a CV? why is it important ? [10]

4. **Make a precis of the following passage and suggest a suitable title :** [10]

The use of technology for foreign language instruction has spread rapidly in the developed countries during the last two decades. Studies of the effect of technology- enhanced instruction on achievement and studies of student attitudes regarding learning with technology have also increasingly been reported. Technology has the potential to address a variety of students' learning styles and academic needs simultaneously and seamlessly. Research has shown that effective use of technology increases learning opportunities and facilitates new learning.

5. **Correct the following sentences :** [5]

- (a) Write in pencil.
(b) Please send me much money.
(c) The building is in fire.
(d) The parents thanked to the teacher.
(e) The Sun is rising in the East every day.

6. **Fill in the blanks with Correct Prepositions :** [5]

- (a) He ran _____ of the room.
(b) Why are you keeping the bag _____ the cupboard?
(c) The cat is running _____ the mouse.
(d) Write _____ ink.
(e) Are you permitted _____ enter this club?

7. **Substitute One word for each of the following :** [5]

- (a) Feeling light- headed (b) Walking on one foot (c) Small red round dots on the face
(d) One side of the face drooping (e) Crying uncontrollably

8. **Give the Antonyms of the following:** [5]

- (a) Fine (b) Thin (c) Blunt (d) Decline (e) Joy

9. **Use the following Idioms/Phrases into sentences :** [5]

- (a) In the light of (b) Living by one's wits (c) By all means
(d) Get a little shut eye (e) Close one's eyes to

10. **Transcribe the following words into Phonetic Symbols :** [5]

- (a) House (b) Night (c) Ride (d) Pain (e) Castle

B.Sc.(N) [2nd Year]

BF/2021/06

Sociology

[New Scheme w.e.f. 2006]

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. (i). (a) What is Sociology. [2]
(b) Discuss the nature of Sociology. [5]
(c) How study of Sociology will improve the status of Nurses in India. Discuss.[8]

OR

- (ii). (a) Define Culture. [2]
(b) Point out the functions of Culture. [5]
(c) Differentiate between Folkways and Mores. [8]
2. (a) Define Crowd, [2]
(b) Explain in brief the characteristics of Crowd. [6]
(c) Discuss the influence of religious practices on Health. [7]
3. (a) What is Social interaction. [3]
(b) Explain the importance of Social interaction. [7]
4. (a) Define Family. [3]
(b) Discuss the problems of Modern family. [7]

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

- (a) Family welfare programmes
(b) Urban slums
(c) Social control
(d) Social groups
(e) Child labour- Role of nurse
(f) Indian rural life (Today)
(g) Personal disorganization
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B.Sc.(N) [2nd Year]

BF/2021/06

Medical Surgical Nursing-I

[New Scheme w.e.f. 2006]

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 Pneumonia. [2]
(b) Discuss the classification and role of a nurse in prevention of each category of Pneumonia. [13]

OR

- (ii) (a) Define Angina pectoris. [2]
(b) Discuss the pathophysiology and the clinical manifestations of Angina pectoris. [8]
(c) Discuss the medical management of Angina pectoris. [5]
2. (a) Define Gastro Esophageal Reflex Disease (GERD). [2]
(b) Discuss the clinical manifestations, assessment and diagnostic findings of GERD. [8]
(c) Discuss the management of GERD. [5]
3. (a) Define Hyperthyroidism. [2]
(b) Discuss the clinical manifestations, assessment and diagnostic findings of Hyperthyroidism. [3]
(c) Discuss the management of Hyperthyroidism. [5]
4. (a) Discuss the various risk factors and assessment of Neutropenia. [5]
(b) Discuss the role of a nurse in prevention of Neutropenia. [5]
5. **Write Short Notes on any FIVE of the followings :** [5x5=25]
(a) Evolution of medical surgical nursing in India
(b) Comprehensive nursing care
(c) Nursing process
(d) ECG
(e) Psoriasis
(f) Nursing management of a patient undergoing hemodialysis
(g) Amputation
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B.Sc.(N) [2nd Year]

BF/2021/06

Pharmacology, Pathology, Genetics

[New Scheme w.e.f. 2006]

Time : 3 Hours

Max Marks : 75

Note: 1.) *Attempt all questions.*

2.) **USE SEPARATE ANSWER BOOK FOR EACH PART.**

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

SECTION-A

[38 Marks]

QP Code: BNN203

[PHARMACOLOGY]

Note: Attempt all questions.

1. (i) **Discuss briefly:**

- (a) Difference between Diuretics and Antidiuretics [4]
- (b) Classify the Anti cancer drugs [3]
- (c) Role of nurse in administering Anti cancer drugs [3]

OR

- (ii) (a) Describe the principles of Drug administration [4]
- (b) Name the Oral hypoglycemic drugs [3]
- (c) Role of nurse in administering Insulin [3]

2. **Write short notes on :-**

- (a) Pharmacology of Prostaglandin drug [4]
- (b) Side effects of Anti tubercular drugs [3]
- (c) Role of nurse in administering Anti tubercular drugs [3]

3. **Attempt any SIX of the following :**

[6x3=18]

- (a) Side effect of Histamines drug
- (b) Name the Bronchodilator drugs
- (c) Drugs used in CPR
- (d) Indication of Antipruritus drug
- (e) Action of Anti psychotic drug
- (f) Toxicity of Cardiotonics drug
- (g) Role of nurse in administering Plasma expanders
- (h) Role of nurse in administering Antidotes

SECTION-B

[37 Marks]

QP Code: BNN204

[PATHOLOGY]

1. **Discuss briefly :**

- (a) Mediators of inflammation [4]
- (b) Characteristics of malignant tumor [3]
- (c) Morphology of myocardial infarction [3]

2. **Write Explanatory Notes on any FIVE of the following :**

[5x3=15]

- (a) Morphology & complications of Peptic ulcer
- (b) Osteomyelitis
- (c) Causes of cirrhosis
- (d) Etiopathogenesis of Urinary calculi
- (e) Seminoma
- (f) Primary pulmonary tuberculosis
- (g) Infiltrating duct carcinoma breast

[GENETICS]

[12 Marks]

3. **Write short notes on any FOUR of the following:**

[4x3=12]

- (a) Mendalian theory of inheritance
 - (b) Amniocentesis
 - (c) Autosomal dominant inheritance
 - (d) Turner syndrome
 - (e) Structure of chromosome
 - (f) Role of nursing staff in genetic counselling
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QP Code: BNN205

B.Sc.(N) [2nd Year]

BF/2021/06

Community Health Nursing-I

[New Scheme w.e.f. 2006]

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. (i) (a) Define epidemic, endemic and pandemic. [5]
(b) Discuss epidemiological triad of COVID 19. [5]
(c) Explain the steps a community health Nurse will adopt in prevention, identification and management of COVID 19 in her assigned community. [5]

OR

- (ii) (a) Discuss health determinants with special reference to Environment. [8]
(b) Explain the impact of Acts regulating the environment in determining health of an individual. [7]
2. (a) Discuss Vital statistics. [7]
(b) Explain rates and ratios used for measuring Demographic data. [8]
3. (a) Discuss the risk factors of Non- communicable diseases? [5]
(b) Discuss the role of community health nurse in prevention and management of Cardio vascular diseases in Urban community. [5]
4. (a) Define Health and explain dimensions of health. [5]
(b) Explain the role of community health nurse in health promotion of individuals in a Rural community. [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
(a) Eugenics
(b) Emergency contraceptives
(c) Parasitic infections
(d) Immunisation
(e) Milk hygiene
(f) Budgeting
(g) Food fortification
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B.Sc.(N) [2nd Year]

BF/2021/06

Communication and Educational Technology

[New Scheme w.e.f. 2006]

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. (i) (a) Define Education. Explain the maxims of teaching. [7]
(b) Select a topic and formulate two general objectives and four specific objectives. [8]

OR

- (ii) (a) Define Communication. Explain the process of communication. [7]
(b) List the common barrier of communication and describe how will you overcome them. [8]
2. (a) Define Lecture method. Explain the advantages and limitations. [7]
(b) Describe the steps to improve the effectiveness of Lecture method. [8]
3. (a) Define Demonstration method. Explain the advantages and limitations of this method. [5]
(b) Describe how you will organize demonstration of Tracheostomy care for 2nd year students. [5]
4. (a) Define Counselling. Explain the difference between Guidance and counselling. [5]
(b) Describe the basic Counselling Skills. [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
(a) Criteria for the Selection of Assessment Methods
(b) Principles of Health Education
(c) M.C.Q.
(d) Principles of using A.V. Aids
(e) Mass Media
(f) Johari Window
(g) Role Play
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QP Code: BNN301

B.Sc.(N) [3rd Year]

BF/2021/06

Medical Surgical Nursing-II

[New Scheme w.e.f. 2006]

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. (i) Mrs. Rajni 50 years female has been diagnosed with Pelvic Inflammatory Disease.

- (a) Define Pelvic Inflammatory Disease. [2]
(b) What are its causes, sign and symptoms? [6]
(c) Explain its management in detail. [7]

OR

(ii) Mr. Kunal admitted in ICU is diagnosed with Lung Cancer.

- (a) Define Lung Cancer. [2]
(b) What are its sign and symptoms and etiology? [6]
(c) Discuss its management in detail. [7]

2. Mr. Akash 40 years diagnosed with Encephalitis.

- (a) Define Encephalitis. [2]
(b) Describe its etiology and sign and symptoms. [6]
(c) Discuss its management in detail. [7]

3. Discuss the following :

- (a) Ethical and legal issues in care of elderly [5]
(b) Occupational and industrial disorders [5]

4. Mr. Roshan 65 years diagnosed with Otitis Media.

- (a) Write down the sign and symptoms along with pathophysiology. [5]
(b) Discuss the management of the Patient. [5]

5. Write Short Notes on any FIVE :

[5x5=25]

- (a) Organisation of ICU
(b) Care of Dying Patient
(c) Shock
(d) Crisis Intervention
(e) Stomal therapy
(f) Immunotherapy
(g) Fibroid Uterus
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QP Code: BNN302

B.Sc.(N) [3rd Year]

BF/2021/06

Child Health Nursing

[New Scheme w.e.f. 2006]

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. (i). (a) Enlist Internationally accepted rights of the child. [5]
(b) Explain Grief and bereavement. [5]
(c) Describe welfare services for Challenged children in India. [5]

OR

- (ii). (a) Explain Preventive paediatrics. [4]
(b) Describe Value of Play and Selection of play materials. [5]
(c) Describe nursing management of child with Pneumonia. [6]
2. (a) Define Leukemia. [2]
(b) Enlist signs and symptoms of Leukemia. [3]
(c) Discuss pathophysiology of Leukemia. [5]
(d) Explain nursing management of Child with Leukemia. [5]

3. **Write Signs/ Symptoms and nursing management of the following conditions :**

- (a) Meningitis [5]
(b) Conjunctivitis [5]

4. **Write Pre and Post Operative management of the following conditions :**

- (a) Imperforated Anus [5]
(b) Tetralogy of Fallot (TOF) [5]

5. **Write short notes on any FIVE of the following :** [5x5=25]

- (a) Hemorrhage
(b) Foreign Body Aspiration
(c) Nursing Care of Infant and Children with HIV/AIDS
(d) Well Baby Clinics
(e) Hip Dislocation
(f) Principles of Growth and Development
(g) Preventive Immunization
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QP Code: BNN303

B.Sc.(N) [3rd Year]

BF/2021/06

Mental Health Nursing

[New Scheme w.e.f. 2006]

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. (i) **Mr. Ravi is admitted in Psychiatric emergency with disorientation to time, place and person, severe psychomotor agitation and tactile hallucination. He is a case of Delirium Tremens. Answer the following :**

- (a) Enlist the commonly used substances in India. [2]
(b) Discuss the pharmacological and non- pharmacological management of Mr Ravi. [6]
(c) Describe the nursing management of Mr. Ravi. [7]

OR

(ii) **Mr. Ashok, a 45 years old is admitted with complaints of not eating, early insomnia and Suicidal ideation.**

- (a) Define Depression. [2]
(b) Explain the triad symptoms of Depression. [3]
(c) Discuss the pharmacological management of Depression. [3]
(d) Describe the nursing management of Mr. Ashok. [7]

2. **Ms. Uma diagnosed with Catatonic Schizophrenia, is admitted in your ward. ECT is planned for him as part of his treatment regimen.**

- (a) Define ECT. [2]
(b) Discuss types of ECT. [3]
(c) Enlist indications & Contraindications of ECT. [4]
(d) Write nurse's responsibilities after ECT. [6]

3. (a) Explain Somatoform disorders with its types. [5]
(b) Write nursing care plan for a patient with Somatoform disorders. [5]

4. (a) Define Mental health nursing. [2]
(b) Explain principles of Mental health nursing. [8]

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

- (a) Standards of Mental Health Nursing
(b) Nursing Management of a Suicidal Client
(c) Forensic Psychiatry
(d) Therapeutic Community
(e) Mental Status Examination
(f) Anti anxiety Drugs
(g) Eating Disorders
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B.Sc.(N) [3rd Year]

BF/2021/06

Nursing Research & Statistics

Time : 3 Hours

[New Scheme w.e.f. Admission 2017-18]

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.) *Use of Simple Calculator is allowed.*

SECTION-A

[50 Marks]

(Nursing Research)

1. A study to assess the effect of foot massage in reducing pain and improving sleep and subjective wellbeing among maintenance hemodialysis patients.
- (a) Identify the independent and dependent research variables. [4]
(b) Identify the sample and appropriate setting for data collection. [3]
(c) Discuss the appropriate design of the study. [3]
2. (a) List different types of Data collection techniques. [5]
(b) Explain in detail **one type** of Self report data collection technique. [5]
(c) Discuss reliability of an Instrument. [5]
3. (a) List the characteristics of Nursing Research. [4]
(b) Discuss the difference between qualitative and quantitative Research designs. [6]
4. **Write Short Notes on any THREE of the following :** [3x5=15]
(a) Guiding principles of an ethically sound research study
(b) Types of probability sampling (c) Longitudinal design
(d) Characteristics of true experimental design (e) Review of Lecture

SECTION-B

[25 Marks]

(Statistics)

5. Write short note on any **THREE** of the following : [3x5=15]
(a) Different levels of measures with suitable examples
(b) Measures of central tendencies
(c) Normal distribution
(d) Frequency distribution
6. Calculate the mean, median, mode and standard deviation for the following data : [3+2+2+3=10]
12, 12, 14, 15, 18, 16, 10, 10, 16, 19

B.Sc.(N) [4th Year]

BF/2021/06

Midwifery and Obstetrical Nursing

[New Scheme w.e.f. 2006]

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. (i) (a) Define Antenatal care. [2]
(b) Explain about Abdominal examination. [10]
(c) Explain the Nurse's role in preparation of a pregnant woman for Ultrasonography. [3]

OR

- (ii). (a) What are the characteristics of a Normal labour? [3]
(b) Discuss the management of a Mother during second stage of labour. [12]
2. (a) Discuss the immediate management of Neonate in labour room. [7]
(b) Describe Birth injuries of neonate and their management. [8]
3. **Discuss the Nurse's responsibilities in any TWO of the following:** [5x2= 10]
(a) Preparation for LSCS
(b) Universal /standard precautions in labour room
(c) Initiation of breast feeding
4. (a) Explain the types of Breech presentation. [5]
(b) Discuss the management of Complete breech in pregnancy. [5]
5. **Write Short Notes on any FIVE of the following:-** [5x5=25]
(a) Episiotomy
(b) Primary Postpartum Haemorrhage
(c) Emergency Contraception
(d) Artificial Rupture of Membranes
(e) Outlet Forceps Operation
(f) How will you diagnose Multiple Pregnancy?
(g) Apgar Score
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QP Code: BNN402

B.Sc.(N) [4th Year]

BF/2021/06

Community Health Nursing-II

[New Scheme w.e.f. 2006]

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. (i) (a) Define Community health nursing. [2]
(b) Write scope of Community health nursing. [5]
(c) Describe selection, training and responsibilities of various Grass root level worker (health) at village level. [8]

OR

- (ii) (a) Enlist Community health nursing approaches. [4]
(b) Describe any one of them in detail. [5]
(c) Plan health education program on promotion of health life style for Adult population. [6]
2. (a) Differentiate between endemic, epidemic and pandemic. [3]
(b) Write down the epidemiology of Covid-19. [5]
(c) Discuss role of Community health nurse in prevention and management of Covid-19 at Home. [7]
3. (a) Describe functions of Voluntary Health Agencies. [5]
(b) Write short note on World Health Organization. [5]
4. (a) Enlist objectives of School Health Program. [3]
(b) Describe various aspects of School Health Services. [7]

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

- a. Welfare Programmes for Elderly
b. Substance Abuse
c. Mid- day Meal
d. Bag Technique
e. Care of Mentally Challenged People
f. Referral System
g. National Health Mission
-

B.Sc.(N) [4th Year]

BF/2021/06

Nursing Research & Statistics

Time : 3 Hours

[New Scheme w.e.f. 2006]

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.) *Use of Simple Calculator is allowed.*

SECTION-A

[50 Marks]

(Nursing Research)

1. **Read carefully the research statement given below:**

A study to assess effect of Music therapy on subjective well being, physiological parameters and activity tolerance of CABG patients.

(a) Identify the independent and dependent research variables. [5]

(b) Formulate THREE study objectives [5]

2. (a) Discuss the characteristics of Good research. [5]

(b) Types of Experimental research designs. [10]

3. (a) Discuss various Research designs. [4]

(b) What do you mean by sample, subjects and setting in a Research. [6]

4. **Write Short Notes on any THREE of the following :** [3x5=15]

(a) Purposes of Review of literature (b) Qualitative research

(c) Probability sampling (d) Interview

(e) Survey

SECTION-B

[25 Marks]

(Statistics)

5. Write short note on any THREE of the following : [3x5=15]

(a) Types of graphs

(b) Measures of central tendencies

(c) Normal distribution curve

(d) Statistical packages

6. Calculate the mean, median, mode and standard deviation for the following data : [3+2+2+3=10]

14, 12, 14, 15, 18, 12, 17, 12, 11, 12

B.Sc.(N) [4th Year]

BF/2021/06

Management of Nursing Services and Education

[New Scheme w.e.f. 2006]

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. (i). (a) Define Nursing management. [2]
(b) Discuss types/ levels of Management. [5]
(c) Describe principles of Management. [8]

OR

- (ii). (a) Write down concepts of Management. [5]
(b) Discuss trends and issues of Nursing management. [10]

2. (a) What is Recruitment. [2]
(b) Write down purposes and importance of Recruitment. [8]
(c) Discuss factors affecting Recruitment in any Organisation. [5]

3. (a) Write down characteristics of a Sound Budget. [5]
(b) Discuss essential requisitions for cost effective Budget preparation. [5]

4. (a) Discuss importance of Staff Development Programs. [5]
(b) Role of Group dynamics in Nursing Management. [5]

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

- (a) Principles of Material Management
(b) Supervision
(c) Public Relations
(d) College Committees
(e) Career Opportunities in Nursing
(f) Gantt Chart
(g) Importance of Motivation in an Organisation
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