

B.Sc.(N) [1st Year]
BF/2023/12
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 Q.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 Myelinated neurone. [2]
(b) Discuss the structure of the Skull. [4]
(c) Describe structure of the Cerebrum. [4]

OR

- (ii) (a) Draw a labeled diagram of the Neuromuscular junction. [2]
(b) Discuss the Elbow joint. [4]
(c) Describe the structure of the Nose. [4]
2. (a) Draw a labelled diagram of Layers of Heart wall. [2]
(b) Discuss the structure of the Abdominal aorta [4]
(c) Describe the structure of the Diaphragm . [4]

3. **Describe in brief any TWO of the following :** [2½x2=5]
(a) Draw a labelled diagram of a section of a Tooth.
(b) Discuss the structure of the Nephron.
(c) Describe the structure of the Uterine (fallopian) tubes.

4. **Write Short Notes on any FOUR of the following :** [3x4=12]
(a) Menopause (b) Muscles of respiration
(c) Blood groups (d) Adrenal gland
(e) Structure of tongue (f) Structure of stomach

SECTION-B

[38 Marks]

QP Code: BNN102

[PHYSIOLOGY]

1. (i) (a) Describe the functions of the Stratified epithelium tissue. [2]
(b) Discuss the features of the Vertebral column. [4]
(c) Enlist the muscles of the Hip and Lower limb. [4]

OR

- (ii) (a) Enlist the functions of the Reticular formation. [2]
(b) Discuss the conducting system of the Heart. [4]
(c) Identify the functions of the Trachea. [4]
2. (a) Explain the absorption process of Nutrients. [2]
(b) Discuss maintenance of Body water and Electrolyte balance. [4]
(c) Describe the functions of Ear. [4]

3. **Describe in brief any TWO of the following :** [3x2=6]
(a) Explain the functions of Thyroid gland
(b) Discuss the functions of the Prostate gland
(c) Describe the Immunity

4. **Write Short Notes on any FOUR of the following :** [3x4=12]
(a) Portal vein (b) Puberty in female
(c) Plexuses (d) Placenta
(e) Functions of Liver (f) Large intestine
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B.Sc.(N) [1st Year]
BF/2023/12
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) Classification of vitamins. [2]
(b) Dietary sources of minerals (sodium, potassium, iron, calcium). [3]
(c) Methods of nutritional assessment and role of nurse in nutrition education. [5]
2. (a) Expanded form of CFTRI, NIN, IDD, PFA. [2]
(b) Differentiate between dehydration, Over-hydration, Water intoxication. [3]
(c) Discuss methods of food preservation. [5]
3. (a) Functions of carbohydrates. [2]
(b) Factors affecting food and nutrition. [3]
(c) Prepare one - day menu plan for a school going adolescent anemic girl. [5]
4. **Write Short Notes on any THREE of the following :** [3x5=15]
 - (a) Macronutrients (b) Mid-day meal programme with its purposes
 - (c) Health education in case of protein energy malnutrition (d) Dietary modification in obesity
 - (e) Measures for prevention of food adulteration in India

SECTION-B

[30 Marks]

QP Code: BNN104

[BIOCHEMISTRY]

1. (i) (a) Discuss the classification of Proteins in detail. Explain the importance of proteins in our body. [5]
(b) Describe Protein metabolism and Protein synthesis. [5]

OR

- (ii) (a) Explain the structure, composition and uses of Fatty acids. [5]
(b) Explain the process of breakdown and synthesis of Triacylglycerol. [5]
2. Discuss briefly about properties of Vitamins. [5]
3. **Write Short Notes on any FIVE of the following :** [3x5=15]
 - (a) Steroid hormones (b) Immunoglobins
 - (c) Bile salts and bilirubin (d) Oligosaccharides
 - (e) Glyconeogenesis (f) Role of PH buffers
 - (g) Glucose tolerance test

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

BF/2023/12

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) Care of Dying patient [5]
- (b) Methods of communication [5]
- (c) Physiology of Sleep [5]

OR

(ii) **Describe the following :**

- (a) Current Trends and issues in Nursing [5]
- (b) Qualities of Nurse [5]
- (c) Factors influencing the Health [5]

2. **Describe the following :**

- (a) Henderson's Nursing theory [5]
- (b) Steps of Nursing Process [5]
- (c) Factors influencing the Communication [5]

3. Define the Hospital. Describe the types of Hospitals and their functions. [10]

4. Mrs. X, 25 year old is admitted in the medical ward with complaint of increases body temperature and discomfort:

- (a) Define Fever. [2]
- (b) Explain about causes of Fever and Stages of Pyrexia. [3]
- (c) Explain the Nursing care of Mrs. X with Fever. [5]

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

- (a) Role of Nurse in handling and management of Biomedical Waste
- (b) Role of Nurse in Sterilization Process
- (c) Role Nurse in Documentation
- (d) Role of Nurse in management of patient with Diarrhoea
- (e) Role of Nurse in management of patient with Sleep disturbances
- (f) Role of Nurse in Bed Making
- (g) Role of Nurse in maintaining Body mechanics

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

BF/2023/12

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 Mental health. [2]
(b) Describe common Mental mechanisms. [7]
(c) Discuss the importance of mental mechanisms in Mental health. [6]

OR

- (ii) (a) Define Psychology. [2]
(b) Methods of Psychology. [7]
(c) Branches of Psychology. [6]
2. (a) Define Personality. [2]
(b) Theory of Psychosocial development. [5]
(c) Classifications of Personalities. [8]
3. (a) Types of Memory. [3]
(b) Methods to improve Memory. [7]
4. (a) Define Intelligence. [2]
(b) Write the various tests of Intelligence. [8]

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

- (a) Psychosomatic needs of Adolescence
(b) Sources of Frustration
(c) Physiological motives
(d) Types of forgetting
(e) Insight learning
(f) Stress related physical illnesses
(g) Characteristics of good counselor
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B.Sc.(N) [1st Year]

BF/2023/12

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) Describe Gram staining. [7]
(b) Principle of Gram staining with labelled diagrams. [8]

OR

- (ii) (a) Morphology of Bacteria. [5]
(b) Classification of Bacteria. [5]
(c) Growth requirements of Bacteria. [5]
2. (a) Classify Antibiotics. [7]
(b) Mechanisms of resistance to Antibiotics. [8]
3. (a) Vector Borne infections. [2]
(b) Polio vaccines. [3]
(c) Dermatophytosis. [5]
4. (a) What is an Antigen ? [1]
(b) Characteristics of Good antigens. [4]
(c) Name various Antigen- antibody reactions. [5]

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

- (a) Streptococcal infections
(b) VDRL test
(c) Laboratory diagnosis of Malaria
(d) Type IV hypersensitivity reactions
(e) Water borne infections
(f) Collection of Blood sample
(g) ELISA test
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B.Sc.(N) [1st Year]

BF/2023/12

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 O.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) Woman Empowerment
 - (b) Should we watch the film or read the novel?
 - (c) Indian festivals
 - (d) Video games
2. Write a letter to your college principal for a concession in your academic fee due to poor financial conditions at home. [10]
3. What is a resume/ CV? Why are they important? [10]
4. **Make a precis of the following passage and suggest a suitable title :** [10]

Nelson, as a child, was not a strong body. Yet he gave proof of that resolute heart and nobleness of mind which during the whole of his glorious career so eminently distinguished him. One day he strayed from his grandmother's house in the company of a cowboy. The dinner hour passed; he was absent and could not be found. The alarm of the family became very great, for they feared that he might have been carried off by the gipsies.

At length after a long search, he was discovered sitting composedly by the side of a brook which he could not get over. "I wonder, child," said the old lady, when she saw him. "That hunger and fear did not drive you home," Fear! Grandmamma", replied the future hero, "I never saw; what is it?"
5. **Correct the following sentences :** [5]
 - (a) Have you ever being to Goa?
 - (b) I prefer chocolate milkshake than vanilla ice cream.
 - (c) Our mathematics teacher is giving us too much tasks.
 - (d) Do you have any idea where- he is going?
 - (e) My father cooks rice yesterday.
6. **Fill in the blanks with Suitable Prepositions :** [5]
 - (a) He likes to travel _____ Spain in summer.
 - (b) The police care chased the robbers _____ the streets.
 - (c) Where do you come _____?
 - (d) We met _____ the lunch break.
 - (e) She is allergic _____ peanuts.
7. **Substitute One word for each of the following :** [5]
 - (a) Hundredth anniversary
 - (b) Inability to fall asleep
 - (c) Through which light cannot pass
 - (d) A writing that cannot be read
 - (e) Life history of a person written by another person
8. **Give the Antonyms for the following words:** [5]
 - (a) Pleasant
 - (b) Quiet
 - (c) Rich
 - (d) Terrible
 - (e) Obedient
9. **Use the following Idioms/Phrases into sentences :** [5]
 - (a) To be at daggers draw
 - (b) Live wire
 - (c) Thick and thin
 - (d) To speak volumes for
 - (e) First and foremost
10. **Transcribe the following words into Phonetic Symbols :** [5]
 - (a) Cook
 - (b) Alive
 - (c) Fast
 - (d) Home
 - (e) Pride

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

BF/2023/12

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) Define Sociology. [2]
(b) Discuss the scope of Sociology. [5]
(c) Explain how as a Nurse you can make use of sociology in patient care. [8]

OR

- (ii). (a) Define Society. [2]
(b) Explain the role of Nurse in Indian society. [5]
(c) Describe hereditary and environment. [8]
2. (a) Mention various social problems pertaining to children in India. [3]
(b) Discuss these problems and their cause. [6]
(c) Give suggestions to deal with social problems pertaining to children in India. [6]
3. (a) Define Social institution and list down its types. [3]
(b) Write down the advantages and disadvantages of nuclear and joint Family. [7]
4. (a) List down and explain the problems of Indian urban slums. [3]
(b) Define Juvenile delinquency and explain its causes. [7]

5. **Write Short Notes on any FIVE of the following :** [5x5=25]
(a) Social group
(b) Population
(c) Diversity and Uniformity of Culture
(d) Poverty
(e) Features of Village Community
(f) Functions of competition
(g) Role of Nurse in dealing with various socio- medical problems
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B.Sc.(N) [2nd Year]

BF/2023/12

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) (a) Explain briefly Importance of pharmacology in Nursing. [4]
(b) List out principles of administration of drugs. [3]
(c) Differentiate Diuretics and Anti diuretics. [3]

OR

- (ii) (a) Explain briefly oral contraceptives. [4]
(b) Briefly explain purgatives with examples. [3]
(c) Briefly explain principles of therapeutics. [3]

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

- (a) Antiseptic [4]
(b) Antidote [3]
(c) Vaccines [3]

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

[6x3=18]

- (a) Explain DOTS briefly.
(b) Purposes of drug administration
(c) Explain Antipyretic with examples.
(d) Briefly explain AYUSH.
(e) Explain briefly topical application with examples.
(f) List out any six emergency medications.
(g) Antibiotics and its uses
(h) Importance of vitamins for health

SECTION-B

[37 Marks]

QP Code: BNN204

[PATHOLOGY]

1. **Discuss briefly :**

- (a) Cholecystitis [4]
(b) Bronchogenic carcinoma [3]
(c) Rheumatic heart disease [3]

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

[5x3=15]

- (a) Fibroid uterus (b) Peptic ulcer
(c) Diff. between Benign & Malignant tumour (d) Meningioma
(e) Embolism (f) Bone marrow examination
(g) Prostate hyperplasia

[GENETICS]

[12 Marks]

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

[4x3=12]

- (a) Structure of Gene (b) Mendelian Inheritance
(c) Mutation (d) Prenatal testing and diagnosis
(e) Inborn errors of Metabolism (f) Congenital Abnormalities

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

BF/2023/12

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 term solid waste. [1]
(b) What are the sources of waste? [4]
(c) Describe the various methods of refuse disposal. [10]

OR

- (ii) (a) What is STD? [2]
(b) Explain in detail about Control programme for STDs. [7]
(c) What are the support components available for STD? [6]
2. (a) List the various customs and taboos in community related to Health and Disease. [4]
(b) Explain the influence of Customs and Taboos on health of the family and community. [5]
(c) Discuss the role of a community health nurse in Changing habits and Life Style of people in community. [6]
3. (a) What is safe and wholesome Water? [2]
(b) Write Uses and Sources of Water. [8]
4. (a) Explain clinical features of Measles. [5]
(b) Discuss prevention of Measles. [5]

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

- (a) Health determinants
(b) Effect of Noise pollution on health
(c) Qualities of community health Nurse
(d) Explain preventive epidemiology
(e) Hypertension
(f) Role of nurse in prevention of diarrhoeal disease
(g) Iron deficiency disorder and role of community health nurse
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B.Sc.(N) [2nd Year]

BF/2023/12

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) Explain objectives as Blooms taxonomy with examples. [8]
(b) Discuss on Team and Group development process. [7]

OR

- (ii) (a) Discuss the methods to evaluate students learning. [8]
(b) Phases and barriers of Inter- personal relationship. [7]

2. (a) Explain any one of the teaching aids in detail. [8]
(b) Steps in planning of health education programme. [7]

3. (a) Naturalism. [4]
(b) Standardized test. [6]

4. (a) Course planning. [4]
(b) Johari window. [6]

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

- (a) Mention the steps of curriculum development
(b) Over head projector
(c) Micro teaching
(d) Counselling approaches
(e) Aptitude test
(f) Anecdotal record
(g) Stimulation
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B.Sc.(N) [2nd Year]

BF/2023/12

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 Benign prostatic hypertrophy. [2]
(b) List out the clinical manifestations and pathophysiology of Benign prostatic hypertrophy. [8]
(c) Explain the pre and postoperative management of patient with BPH. [5]

OR

- (ii) (a) Define Cirrhosis of Liver. [2]
(b) Explain the clinical manifestations and complications of Cirrhosis of Liver. [8]
(c) Explain the management of Cirrhosis of Liver. [5]
2. (a) Define Peptic ulcer. [5]
(b) Discuss the types, pathophysiology and manifestation of Peptic ulcer. [5]
(c) Write the management of patient with Peptic ulcer in detail. [5]
3. (a) Define Nephrotic syndrome. [2]
(b) Explain the medical and nursing management of patient with Nephrotic syndrome. [8]
4. (a) Classify Dengue fever. [4]
(b) Write the management of Dengue fever. [6]

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

- (a) Inflammation
(b) Lumber Puncture
(c) Route of transmission of HIV
(d) Thalassemia
(e) Bio- safety and waste management in Blood transfusion
(f) Thyroid storm
(g) Corpulmonale
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B.Sc.(N) [3rd Year]

BF/2023/12

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 O.P. Code in the space provided on the Title Page of the Answer Book.**

1. (i). **Mr. V 52 years old man diagnosed of Oral cancer. Answer the following :**

- (a) Enlist the predisposing factors for cancer and write the warning signs of cancer. [5]
- (b) Enumerate the clinical manifestation and treatment modalities for Oral cancer. [5]
- (c) Discuss the nursing management for Mr. V. [5]

OR

- (ii). (a) Explain on abnormal uterine bleeding. [5]
- (b) Describe prolapse of uterus. [5]
- (c) Discuss the health education regarding emergency contraception methods. [5]

- 2. (a) Describe Otosclerosis. [5]
- (b) Discuss the nursing management for a patient after Ear surgery. [5]
- (c) Explain the role of nurse in communication with Hearing impairs. [5]

3. **Describe briefly the following :**

- (a) Principles of critical care nursing. [5]
- (b) Common sensory problems in elderly. [5]

4. **Explain the following :**

- (a) Obstetrical emergency. [5]
- (b) Management of Cardiac emergency. [5]

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

- (a) Ventilator
 - (b) Role of nurse in care of elderly with regards to ambulation
 - (c) Disaster preparedness
 - (d) Pain management of Cancer patient
 - (e) Chemotherapy
 - (f) Infertility
 - (g) Guillain Barre Syndrome
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B.Sc.(N) [3rd Year]

BF/2023/12

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) What are Behavioural disorders. Enumerate management of a child with Temper tantrums. [7.5]
(b) Enumerate nursing care of infant and children with HIV/ AIDS. [7.5]

OR

- (ii) (a) Define Wilm's tumor. Explain in detail nursing care of child with Wilm's tumor. [7.5]
(b) Define Hydrocephalus. Explain in detail nursing care of child with Hydrocephalus. [7.5]
2. (a) Define Burns. [3]
(b) Explain classification of Burns. [5]
(c) Write in detail nursing management of a child with Burns. [7]
3. (a) Define Hirschprung's disease. [2]
(b) Write in detail the management of child with Hirschprung disease. [8]
4. (a) Define Malnutrition. [3]
(b) Explain Nutritional assessment in children and causes of Malnutrition. [7]

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

- (a) Role of Child health nurse in caring for a Hospitalised child
(b) Preventive paediatrics
(c) Organisation of Neonatal unit
(d) Prevention of accidents in Children
(e) Sign and symptoms of Rheumatic heart disease
(f) Juvenile diabetes management
(g) Hemophilia
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B.Sc.(N) [3rd Year]

BF/2023/12

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) (a) Define Psychiatric Nursing. [2]
(b) List the causes of Mental illness. [3]
(c) Describe the principles of Mental health nursing practice. [10]

OR

- (ii) (a) Discuss types of Depression. [3]
(b) Write etiology of Dysthymia. [6]
(c) Write Nursing management of depressed patient. [6]
2. (a) Define Schizophrenia. [2]
(b) Discuss premorbid behavior, what are the predictors in development of Schizophrenia. [3]
(c) Write nursing management of a client who is admitted in the ward with Hallucination. [10]
3. (a) Explain the differences between Psychosis and Neurosis. [5]
(b) Explain the differences between Epileptic fit and Hysterical fit. [5]
4. (a) Explain the role of Nurse in administration of Antipsychotic medications. [5]
(b) Explain roles and functions of Mental health nurse in various settings. [5]
5. **Write Short Notes on any FIVE of the following :-** [5x5=25]
(a) Scope of Mental health nursing
(b) Etiology and characteristics of Mental deficiency
(c) Behaviour Therapy
(d) Psychoanalytic model
(e) ADHD
(f) Legal issues of psychiatric illness
(g) Characteristics of mentally healthy individual

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

BF/2023/12

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) Define Questionnaire. [2]
 - (b) Differentiate between Open ended and Closed ended questions. [3]
 - (c) Write advantages and disadvantages of a Questionnaire. [10]
2. Describe the procedure of Data collection. [10]
3. Describe the steps of writing Research report. [10]
4. **Write Short Notes on any THREE of the following :** [3x5=15]
 - (a) Analysis and interpretation of data
 - (b) Summarisation of data
 - (c) Compilation and tabulation of data
 - (d) Ordinal and nominal data
 - (e) Types of Sampling

SECTION-B**[25 Marks]****(Statistics)**

5.
 - (a) Explain the various scales of measurement with the help of example for each. [10]
 - (b) Calculate standard deviation of following data: [5]
10, 15, 20, 25, 30, 40, 45
6.
 - (a) Differentiate between Frequency distribution and Graphic presentation of data. [5]
 - (b) Explain Probability. [5]

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

BF/2023/12

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 High risk pregnancy. [2]
(b) Discuss the role of nurse in screening and assessment of High risk cases. [4]
(b) Explain the management of placenta praevia including nursing management. [9]

OR

- (ii). (a) What is gestational diabetes mellitus ? [2]
(b) Explain the effects of diabetes on pregnancy. [4]
(c) Discuss the management of woman with gestational diabetes mellitus. [9]
2. (a) What is breech presentation ? [2]
(b) Write varieties of Breech presentation. [4]
(c) Explain the obstetrical and nursing management of breech presentation in 2nd stage of labor. [9]
3. (a) Enlist minor disorders of newborn. [2]
(b) Describe the measures of prevention of infection in low birth weight. [8]
4. (a) Differentiate between true labor and false labor. [2]
(b) Discuss in detail on the management of mother in first stage of labor. [8]

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

- (a) Legal and ethical aspects in midwifery and obstetrical nursing
(b) Foetal skull
(c) Teen age pregnancy
(d) Breast engorgement and infection
(e) Puerperal infections
(f) Tocolytic agents
(g) Emergency contraception
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B.Sc.(N) [4th Year]

BF/2023/12

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) Discuss the scope of community Health Nursing. [5]
(c) Describe the qualities of community Health Nurse. [8]

OR

- (ii) (a) Discuss the health delivery system in India from village to state level. [5]
(b) Draw the organization chart of Health and Family welfare department at state level. [5]
(c) Discuss the roles and responsibilities of District Public Health. [5]
2. (a) Enumerate the objectives of the School Health Program. [5]
(b) Enlist the services provided by the School Health Program. [5]
(c) Describe the role and responsibilities of a School Health Nurse. [5]
3. (a) Discuss the National Health Problems of India. [5]
(b) Explain the strategies of revised National tuberculosis program. [5]
4. (a) Define Health Education. [2]
(b) Discuss the approaches to Health Education. [3]
(c) Prepare a Health Education Plan for mothers for prevention of Acute respiratory infections among children. [5]

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

- a. National mental Health Program
b. Women empowerment
c. Home visiting
d. Management Information System
e. Evidence based Nursing Practice
f. National Health Policy 2017
g. Health insurance
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B.Sc.(N) [4th Year]

BF/2023/12

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. (a) Define Research problem. [2]
 (b) Briefly explain the purposes of Nursing Research. [4]
 (c) Explain the needs for research in Nursing. [4]
2. (a) Briefly explain types of Hypothesis with examples. [8]
 (b) Briefly discuss importance of Research in Nursing. [7]
3. Discuss the meaning of any **FIVE** of the following in relation to research : [5x2=10]
 (a) Informed consent (b) Phenomenology (c) Assumption
 (d) Target population (e) Variables (f) Type-1 Error
 (g) Applied Research
4. Write Short Notes on any **THREE** of the following : [3x5=15]
 (a) Ethical consideration while conducting research (b) Grounded Theory in brief
 (c) Differentiate Qualitative & Quantitative Research (d) Objectives of Literature review
 (e) Procedure of Data collection

SECTION-B**[25 Marks]****(Statistics)**

5. Write short note on any **THREE** of the following : [3x5=15]
 (a) Gaussian distribution
 (b) Types of data
 (c) Measures of Central Tendency
 (d) Importance of Statistics in Nursing
 (e) Ordinal and Nominal Data
6. (a) Calculate the Mean, Median & Mode of following data set. [6]
X= 16, 18, 28,25,32,25,30,25,35
- (b) Calculate the Cumulative Frequency of data given in the following table. [4]

Height(cm) with class interval	Frequency of each group	Percentage
160-162	10	12.5
162-164	15	18.8
164-166	16	20.0
166-168	19	23.7
168-170	20	25.0
Total	80	100.0

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

BF/2023/12

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 management and discuss functions of management. [8]
(b) Elaborate role of a Nurse as a manager. [7]

OR

- (ii) (a) What are the concepts of management. [5]
(b) Write in detail Principles of management with examples. [10]

2. (a) Write down the process of material management. [8]
(b) Discuss role of a Nurse manager in inventory control. [7]

3. **Discuss role of a Nurse manager in :**

- (a) Planning a hospital unit [5]
(b) Staff development program [5]

4. (a) What are the stages of Group dynamics. [5]
(b) Discuss importance of Inter personal relations in nursing management. [5]

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

- a. Quality assurance model
- b. Vision and mission of an organisation
- c. Principles of Budgeting
- d. PERT
- e. Regulatory bodies of nursing education institutes
- f. Practice standards for nursing
- g. Importance of research in nursing
