

B.Sc.(N) [1st Year]
BF/2024/07
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 Human cell. [2]
(b) Briefly explain the types of Muscles with example of each one. [4]
(c) Describe the structure of Liver. [4]
- OR**
- (ii) (a) Draw a labelled diagram of Ear. [2]
(b) Briefly explain the Structure of Synovial joint. [4]
(c) Write differences between sympathetic and parasympathetic system. [4]
2. (a) Define Connective tissue. [2]
(b) Functions of Pancreas [4]
(c) Functions of Kidney [4]
3. **Describe in brief any TWO of the following :** [2½x2=5]
(a) Golgi complex
(b) Mandible
(c) Coronary artery
4. **Write Short Notes on any FOUR of the following :** [3x4=12]
(a) Lymph node (b) Functions of tongue
(c) Composition of bone (d) Vagina
(e) Thyroid gland (f) Skin

SECTION-B

[38 Marks]

QP Code: BNN102

[PHYSIOLOGY]

1. (i) (a) Enumerate the Blood composition. [2]
(b) Briefly explain the physiology of Muscle contraction. [4]
(c) Briefly explain the gaseous exchange in Lungs. [4]
 - OR**
 - (ii) (a) Draw a labelled diagram of Reflex arc. [2]
(b) Briefly explain the Regulation of Body temperature. [4]
(c) Write differences between Endocrine and Exocrine glands. [4]
 2. (a) Define immunity. [2]
(b) Cardiac cycle. [4]
(c) Referred pain. [4]
 3. **Describe in brief any TWO of the following :** [3x2=6]
(a) Factors influencing BP
(b) Functions of Gall bladder
(c) Composition of Urine
 4. **Write Short Notes on any FOUR of the following :** [3x4=12]
(a) Antigen (b) DNA
(c) BMR (d) Female sexual cycle
(e) Lymph (f) Movements at joint
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B.Sc.(N) [1st Year]

BF/2024/07

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) Functions and Deficiency Manifestations of Vitamin A. [2]
 - (b) Different Methods of Cooking. [3]
 - (c) Nutritional Programs in India. [5]
2.
 - (a) Define Malnutrition. [2]
 - (b) Enumerate the classification of malnutrition. [3]
 - (c) Write note on Kwashiorkor and its prevention. [5]
3.
 - (a) Definition of Therapeutic diet. [2]
 - (b) Explain safe food preparation practices. [3]
 - (c) Role of Nurse in nutrition education. [5]
4. **Write Short Notes on any THREE of the following :** [3x5=15]
 - (a) Deficiency of iron
 - (b) Calculation of BMI
 - (c) Food Groups
 - (d) Assessment of nutritional status in children
 - (e) Methods of food storage

SECTION-B

[30 Marks]

QP Code: BNN104

[BIOCHEMISTRY]

1.
 - (i)
 - (a) Write the sources, RDA, Biochemical functions and deficiency manifestations of Vitamin A. [5]
 - (b) Write down steps involved in Urea cycle and how it is regulated? [5]
 - (ii) **OR**
 - (a) Describe the β -oxidation of fatty acid and its energetics. [5]
 - (b) Explain the structure and classification of immunoglobins. [5]
 2. Explain how blood Glucose level regulated. What is the normal fasting Blood Glucose Level. [5]
 3. **Write Short Notes on any FIVE of the following :** [3x5=15]
 - (a) Metabolic acidosis
 - (b) Essential Amino-acids
 - (c) Prostaglandins
 - (d) Functions of cell
 - (e) Polysaccharide's
 - (f) ELISA
 - (g) Co-enzymes
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B.Sc.(N) [1st Year]

BF/2024/07

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) Levels of Disease Prevention [5]
- (b) Nursing As a Profession [5]
- (c) Nutritional needs and factors affecting the nutritional needs [5]

OR

(ii) **Describe the following :**

- (a) Code of Conduct [5]
- (b) Types of Enema [5]
- (c) Barrier Nursing [5]

2. **Describe the following :**

- (a) Health Promotion Model [5]
- (b) Body Mechanics [5]
- (c) Methods of Physical Examination [5]

3. Define the Wound. Describe the process of Wound healing process in details. [10]

4. Mrs. Y, 58 year old is admitted in ward with the complaint of decrease in the level Consciousness:

- (a) Define Unconsciousness. [2]
- (b) Enlist the Common Causes of Unconsciousness. [3]
- (c) Discuss the Nursing Care of patient with Unconsciousness. [5]

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

- (a) Role of Nurse in control of infections in hospital
- (b) Role of Nurse in reducing the pain of patient
- (c) Nursing responsibilities while moving, lifting and transferring the patient
- (d) Role of Nurse in admission of patient in hospital
- (e) Role of Nurse in maintaining fluid and electrolyte imbalance
- (f) Role of Nurse in catheterization procedure
- (g) Role of Nurse in providing safe and clean environment

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

BF/2024/07

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 Psychology. [2]
(b) Explain scope of psychology. [7]
(c) Describe in detail the methods of psychology & explain any one method. [6]

OR

- (ii) (a) Define Learning. [2]
(b) Discuss laws of learning. [7]
(c) Describe operant conditioning in detail. [6]
2. (a) Define Attention. [2]
(b) Explain Types of Attention. [5]
(c) Describe Determinants of Attention. [8]
3. (a) Define Motivation. [3]
(b) Explain Biological & social motives. [7]
4. (a) Define Guidance. [2]
(b) Enumerate Areas of Guidance. [8]

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

- (a) Individual difference
(b) Defence mechanism
(c) Characteristics of mentally healthy person
(d) Frustration
(e) Study habits
(f) Distraction
(g) Errors in perception
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B.Sc.(N) [1st Year]

BF/2024/07

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 5 basic principles of Hospital Infection Control. [7]
(b) Describe Infection Control Committee and its roles. [8]

OR

- (ii) (a) Universal safety precautions [5]
(b) Colour coding in Hospital waste management [5]
(c) Discarding/ Disposal of plastics [5]
2. (a) Classify Viruses. [2]
(b) Pathogenesis of COVID- 19 [5]
(c) Infection control practices & COVID- 19 [8]
3. (a) Classify Anaerobes. [1]
(b) Culture techniques for Anaerobes [4]
(c) Sample collection for Anaerobes [5]
4. (a) Candidiasis [2]
(b) Staphylococcal infections [3]
(c) Giardiasis [5]

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

- (a) MRSA infections
(b) Immunofluorescence
(c) Autoclave
(d) Louis Pasteur
(e) Acid fast bacteria
(f) Immunization schedule
(g) Collecting Urine sample from a Catheterized patient
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B.Sc.(N) [1st Year]

BF/2024/07

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) My Family and Friends | (b) The Role of Money in Life |
| (c) India and Development | (d) My Contribution to the Environment |

2. Your sister is joining a new organization as an Intern. Write a letter advising her on her progress and giving her some ideas for maintaining a work- life balance. [10]**3. Define Resume. What is its importance? [10]****4. Make a precis of the following passage and suggest a suitable title : [10]**

The Internet (or just the Net) is a huge computer network. It stretches right around the world, connecting millions of computers to each other. Any two computers connected to the Internet, wherever they are, can exchange information. The Internet is a fast and efficient way of sending information around the world. This is why it is sometimes called the information superhighway. With a computer connected to the Internet, you can send electronic message to other users (this is called e-mail), hold electronic conversations, transfer computer files, or find information on thousands of different subjects. In the modern times the Internet is also for buying and selling goods. This is known as e-commerce or e-com in short. More and more banks and financial institutions are encouraging their customers to do all their transactions through the Internet. It is also possible to book tickets for travel to different parts of the country through the Internet. The number of people connected to the Internet and the volume of information going through it is increasing at an amazing rate. It is bringing about a change in how and where people live and work; people are beginning to work from home, order shopping, visit the library, choose and watch videos, all through the Net. The Internet consists of many small computer networks linked together. The small networks belongs to businesses, universities and colleges, government departments and many other organizations, including compaies called Internet service providers. Most of the links in the Internet are telephone lines, and information goes along them between the computers in small chunks called packets. Along with each packet goes the address of the computer to which it is travelling. The e World-wide Web (or just the Web) is the fastest growing area of the Internet.

5. Correct the following sentences : [5]

- (a) Can you please locked the door?
- (b) They wented for a walk.
- (c) The group was eat dinner.
- (d) He has not finishing the book.
- (e) I was looked up some books in the library.

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

- (a) Step _____, my children.
- (b) No discussion _____ the dinner table, please.
- (c) The water must be cleaned _____ immediately.
- (d) You can keep your valuables _____ the locker.
- (e) Where are you going _____ the holidays?

7. **Substitute One word for each of the following :** [5]
(a) One who eats too much (b) Against the law
(c) Incapable of being corrected (d) One who dies for a noble cause
(e) A garden of fruit
8. **Give the Antonyms for the following words:** [5]
(a) Conscious (b) Honest (c) Grim (d) Right (e) Young
9. **Use the following Idioms/Phrases into sentences :** [5]
(a) Draw the line (b) On thin ice (c) Ice breaker (d) Comfort level (e) Stab in the back
10. **Transcribe the following words into Phonetic Symbols :** [5]
(a) Childhood (b) Listening (c) Hijack (d) Nimble (e) Happily

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

BF/2024/07

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 Social stratification. [3]
(b) Write the features of Caste system in India. [6]
(c) Write types of Social stratification. [6]

OR

- (ii). (a) Define Poverty. [2]
(b) List the causes of Poverty in India. [6]
(c) Discuss the role of the Nurse in Alleviating Poverty. [7]
2. (a) Define Conflict with example. [3]
(b) Discuss about Conflict resolution process. [7]
(c) Discuss the influence of culture on health and disease [5]
3. (a) Define Group. [2]
(b) Differentiate between Primary and Secondary Group. [8]
4. (a) Define Community. [2]
(b) Write the characteristics of Indian villages. [8]

5. **Write Short Notes on any FIVE of the following :** [5x5=25]
(a) Socialization
(b) Nature of Society
(c) Difference between MOB and CROWD
(d) Co-operation
(e) Accommodation
(f) Extended Family
(g) Influence of class on Health and Health practices
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B.Sc.(N) [2nd Year]

BF/2024/07

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 routes of drug administration. [4]
(b) Explain briefly classification of drugs. [3]
(c) Differentiate Antiseptic and disinfectant. [3]

OR

- (ii) (a) Explain briefly NSAID with examples. [4]
(b) Briefly explain Antidepressant with examples. [3]
(c) Briefly explain use of minerals. [3]

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

- (a) Explain briefly Hypnotics with examples [4]
(b) Differentiate vaccines and sera [3]
(c) Principles of anti therapeutics [3]

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

[6x3=18]

- (a) Explain briefly Anti venom.
(b) Principles of drug administration
(c) Explain anti-tuberculosis with examples.
(d) Briefly explain anti malarial with examples.
(e) Explain briefly pharmacokinetics.
(f) List out any six antibiotics.
(g) Antihypertensive and its uses
(h) Significance of pharmacology in Nursing

SECTION-B

[37 Marks]

QP Code: BNN204

[PATHOLOGY]

1. **Discuss briefly :**

- (a) Mechanism of wound healing [4]
(b) Difference between Benign and Malignant tumors [3]
(c) Morphology of Lobar Pneumonia [3]

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

[5x3=15]

- (a) Osteoporosis (b) Pathogenesis of Tuberculosis
(c) Germ Cell Tumor (d) Infective Endocarditis
(e) Prostatic Hyperplasia (f) Microscopic examination of Urine
(g) Stool examination

[GENETICS]

[12 Marks]

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

[4x3=12]

- (a) Autosomal Recessive Inheritance (b) Difference between Mitosis & Meiosis
(c) Mutation (d) Prenatal testing and Diagnosis
(e) Infertility (f) Families Cancers

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

BF/2024/07

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 Health and Disease. [2]
(b) Enumerate concept of Health. [5]
(c) Briefly discuss determinants and factors affecting on Health. [8]
- OR**
- (ii) (a) Define Epidemiology. [2]
(b) Explain the scope of Epidemiology. [5]
(c) Describe methods of Epidemiology in detail. [8]
2. (a) Explain HIV/AIDS and its mode of transmission. [4]
(b) Discuss preventive and control measures and treatment of HIV/AIDS. [6]
(c) Write down role of Community health nurse in prevention and control of HIV/AIDS. [5]
3. (a) Narrate Air pollution its causes. [4]
(b) Describe prevention and control of Air pollution. [6]
4. (a) Define Hygiene and write down its principles. [5]
(b) Explain factors influencing hygiene practice and Role of Community health nurse to improve hygiene practice among people. [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
(a) Sociocultural aspects of community that affect the health of people
(b) Prevention of accidents
(c) Define malnutrition and write down the types of Malnutrition
(d) Barriers of Communication
(e) Prevention and control of Malaria
(f) Food Adulteration Act
(g) Causes and Clinical features of Measles

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

BF/2024/07

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) Enlist the types of AV Aids. [7]
(b) Briefly discuss any one of the projected aids. [8]

OR

- (ii) (a) Describe the purpose of Evaluation. [5]
(b) Explain the steps of preparing Essay- type questions. [10]

2. (a) Discuss various approaches of Counselling. [8]
(b) Write the steps of Counselling process. [7]

3. Describe the concept of Health education and the principles of conducting health education. [4+6= 10]

4. Explain the meaning of Education and discuss the essential requisites of Lesson plan. [4+6= 10]

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

- (a) Demonstration
(b) Lecture method
(c) Communication process
(d) Human relations in nursing
(e) Methods to enhance interpersonal relations
(f) Use of charts in classroom
(g) Panel discussion
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B.Sc.(N) [2nd Year]

BF/2024/07

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 Asthma. | [1] |
| | (b) | Enlist the Risk factors of Asthma. | [3] |
| | (c) | Describe the Pathophysiology of Asthma. | [4] |
| | (d) | Discuss the Collaborative Management of Asthma. | [7] |

OR

- | | | | |
|------|-----|---|-----|
| (ii) | (a) | Define Pancreatitis. | [1] |
| | (b) | Enlist the Causes of Pancreatitis. | [3] |
| | (c) | Describe the Pathophysiology of Pancreatitis. | [4] |
| | (d) | Discuss the Collaborative Management of Pancreatitis. | [7] |
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- | | | | |
|----|-----|---|-----|
| 2. | (a) | Define Hypertension. | [1] |
| | (b) | Enlist the Risk Factors of Hypertension. | [3] |
| | (c) | Describe the Pathophysiology of Hypertension. | [4] |
| | (d) | Discuss the Collaborative Management of Hypertension. | [7] |
-
- | | | | |
|----|-----|--|-----|
| 3. | (a) | Define Chronic Renal Failure (CRF). | [2] |
| | (b) | Discuss the Collaborative Management of CRF. | [8] |
-
- | | | | |
|----|-----|---|-----|
| 4. | (a) | Describe the Pathophysiology of Rheumatoid Arthritis. | [5] |
| | (b) | Explain the Collaborative Management of Rheumatoid Arthritis. | [5] |

- | | | |
|----|---|-----------------|
| 5. | Write Short Notes on any <u>FIVE</u> of the followings : | [5x5=25] |
|----|---|-----------------|

- | | |
|-----|---|
| (a) | Bleeding Disorders |
| (b) | Dermatitis |
| (c) | Infertility |
| (d) | Hyperthyroidism |
| (e) | Basic Life Support |
| (f) | Standard Safety Measures in Operation Theatre |
| (g) | Diabetes mellitus |
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B.Sc.(N) [3rd Year]

BF/2024/07

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). (a) Define spinal cord injury. [1]
(b) Explain the common manifestations associated with spinal cord injury. [3]
(c) Explain the medical and nursing management of patient with special consideration on rehabilitation plan. [11]

OR

- (ii). (a) Define Ca Cervix. [1]
(b) Explain the associated Pathophysiology and clinical manifestations with the disease condition of Ca Cervix. [6]
(c) Explain the overall nursing management of the patient undergoing the brachytherapy. [8]
2. (a) Define cataract. [1]
(b) Discuss the investigations and diagnostic assessment carried out for the mentioned disease conditions. [4]
(c) Discuss the surgical nursing management of patient with emphasis on home care and rehabilitation after the surgery of cataract. [10]
3. (a) Define chronic serous otitis media. [1]
(b) Write down the etiological factors associated with chronic serous otitis media. [2]
(c) Explain surgical and rehabilitative management with emphasis on role of nurse in the management and prevention of complications associated with chronic serous otitis media. [7]
4. **Write down the nursing management of the following:**
(a) Organophosphate poisoning [5]
(b) Patient on ventilator [5]
5. **Write short notes on any FIVE of the following :** [5x5=25]
(a) Psychosocial and spiritual health
(b) ICD Classification of disease
(c) MTP act
(d) Reconstructive surgery
(e) Elderly abuse and legal aspects in geriatric nursing
(f) Chemotherapy
(g) Role of nurse in diagnosis of occupational health disorders
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B.Sc.(N) [3rd Year]

BF/2024/07

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) Discuss the national programmes related to child health and welfare. [8]
(b) Elaborate the nutritional needs of children and infants. [7]

OR

- (ii) (a) Discuss the response of parents and children towards hospitalization. [8]
(b) Explain the role of nurse in care of a hospitalized child. [7]
2. (a) Define leukemia. [3]
(b) Write causes, signs and symptoms of leukemia. [5]
(c) Describe medical and nursing management of leukemia. [7]
3. (a) Define meningitis. [2]
(b) Discuss in detail management of meningitis. [8]
4. (a) Enlist various child health emergencies. [3]
(b) Write medical and nursing management of burn. [7]

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

- (a) Immunization
(b) Integrated management of neonatal and childhood illness (IMNCI)
(c) Under five clinic
(d) Management of challenged children
(e) Nursing care of children with HIV/AIDS
(f) Nephrotic syndrome
(g) Prevention of accidents among children
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B.Sc.(N) [3rd Year]

BF/2024/07

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 Psychotherapy. [2]
(b) Enlist the types of psychotherapy. [3]
(c) Explain the techniques of behaviour therapy. [10]

OR

- (ii) (a) Define anxiety. [2]
(b) Briefly explain types and symptoms of anxiety disorders. [3]
(c) Discuss management for a patient with generalized anxiety disorder. [10]
2. (a) Define schizophrenia. [3]
(b) Explain first rank symptoms of schizophrenia. [6]
(c) Write nursing management of a patient with paranoid schizophrenia. [6]
3. (a) Classify Mental retardation and explain the signs and symptoms. [4]
(b) Explain the care and rehabilitation of mentally retarded child. [6]
4. (a) List down the Psychiatric disorders due to Alcohol dependence syndrome. [5]
Explain withdrawal syndrome. [5]
(b) Explain Alcohol deterrent therapy. [5]

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

- (a) Discuss the concept of normal & abnormal behavior.
(b) Classify Mental Disorders according to ICD -10.
(c) Explain Process Recording.
(d) Explain therapeutic impasses in nurse patient relationship.
(e) Explain stress adaptation model.
(f) Explain the objectives and approaches of National Mental Health Programme.
(g) Explain cluster A type of personality disorders.
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B.Sc.(N) [3rd Year]

BF/2024/07

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
(Nursing Research)**[50 Marks]**

1. (a) **Define the following terms :** [3x2= 6]
(i) Target population (ii) Sampling bias (iii) Pilot study
(b) Write the purposes of data collection and explain in detail observation method of data collection. [4+5=9]
2. (a) Write criteria for selecting a research problem. [5]
(b) Importance of literature of review. [5]
3. (a) Explain Non- probability sampling technique with example. [4]
(b) Discuss experimental research design. [6]
4. **Write Short Notes on any THREE of the following :** [3x5=15]
(a) Types of validity (b) Ethnography
(c) Rating Scale (d) Research Proposal
(e) Research Utilization

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

5. (a) Write significance of biostatistics in the field of nursing. [3]
(b) What is central tendency? Write merits and demerits of Mean. [4]
(c) Discuss various types of graphical representation of data. [8]
6. (a) Explain measures of Variability. [5]
(b) **Calculate mean and mode of following data:** [5]
The Anatomy and physiology subject marks of 10 students are -
58,54,55,58, 56,54,52,58,54,55
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B.Sc.(N) [4th Year]

BF/2024/07

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 Abortion. [2]
(b) Classify Abortion. [4]
(c) Explain the clinical features and management of woman with Threatened abortion. [9]

OR

- (ii). (a) What is Hyperemesis gravidarum. [2]
(b) What are the causes and clinical features of Hyperemesis gravidarum. [4]
(c) Explain the management of woman with Hyperemesis gravidarum. [9]
2. (a) List conditions included in Obstetric emergencies. [2]
(b) Differentiate between Cord presentation and Cord prolapse. [4]
(c) Discuss the role of nurse in management of Cord prolapse. [9]
3. (a) Write signs and symptoms of Third stage of Labor. [2]
(b) Discuss the role of nurse in management of woman in the Third stage of labor. [8]
4. (a) Define Post partum hemorrhage. [2]
(b) Explain the comprehensive management of woman with primary PPH. [8]

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

- (a) Factors influencing fertility in India
(b) Menstrual cycle
(c) Diagnosis of pregnancy
(d) Physiology of Lactation
(e) Infection control in neonatal intensive care unit
(f) Oxytocin
(g) Causes of infertility
-

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

BF/2024/07

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

1. (i) (a) Write down Health system in India at the Central level. [7]
(b) Describe Job description of multipurpose workers (Female). [8]

OR

- (ii) (a) Enlist qualities of Community Health Nurse. [5]
(b) Write down the principles of Record writing. [5]
(c) Explain the role of Community Health Nurse in care of sick at home. [5]

2. (a) Describe AYUSHMAN BHARAT. [5]
(b) Explain various priority interventions for the Adolescents in RMNCH+A. [5]
(c) Discuss role of Community Health Nurse in reproductive and child health. [5]

3. (a) Enlist various elements of Primary Health Care. [5]
(b) Discuss principles of Primary Health Care. [5]

4. (a) Write short note on "Pneumoconiosis". [5]
(b) What are the causes of accidents in the industries and how can they be prevented. [5]

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

- a. Anemia Mukht Bharat
- b. UNICEF
- c. Solid Waste Management at Community Level
- d. National Population Policy
- e. Women empowerment
- f. Indian Red Cross
- g. Role of Community Health Nurse in prevention and management of Acute Respiratory Infections

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

BF/2024/07

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 Review of Literature. [2]
 (b) Explain objectives of Literature Review. [4]
 (c) Explain the Sources of Literature Review in brief. [4]
2. (a) Explain briefly steps of Nursing Research proposal. [8]
 (b) Briefly discuss Observation as a method of data collection. [7]
3. Discuss the meaning of any **FIVE** of the following in relation to research : [5x2=10]
 (a) Sample (b) Pilot study (c) Nursing Research
 (d) Hypothesis (e) Action Research (f) Variables
 (g) Range
4. Write Short Notes on any **THREE** of the following : [3x5=15]
 (a) Simple Random Sampling (b) Conceptual Framework
 (c) Differentiate Qualitative & Quantitative Research (d) Plagiarism
 (e) Ethical issues in Nursing Research

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

5. Write short note on any **THREE** of the following : [3x5=15]
 (a) Types of Data
 (b) Type-1 & Type-2 Error
 (c) Central Tendency
 (d) Significance to study Biostatistics in Nursing Research
 (e) Tests of Significance
6. (A) Calculate the Mean, Median & Mode of following data set. [2x3= 6]
 (i) If the heights of 5 people are 142 cm, 150 cm, 149 cm, 156 cm, and 153 cm. Find the mean height
 (ii) Calculate the Median of following data set : **X= 56, 67, 54, 34, 78, 43, 23.**
 (iii) Calculate the Mode of following data set : **X= 6, 8, 9, 3, 4, 6, 7, 6, 3, 1, 2, 6.**
- (B) Draw a histogram for the frequency distribution of the following data. [4]

Height Range (ft)	Number of Trees (Frequency)
60 - 75	3
66 - 70	3
71 - 75	8
76 - 80	10
81 - 85	5

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

BF/2024/07

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 Planning and what is the importance of planning in nursing management. [8]
(b) Elaborate principles of planning. [7]

OR

- (ii) (a) What is In- Service Education Programme. [2]
(b) Write down the importance of In- Service Education Programme in Nursing. [6]
(c) Plan orientation program for newly appointed nurses in ICU. [7]

2. (a) Define Curriculum. [2]
(b) What are the components of Curriculum in nursing institutes. [6]
(c) Elaborate steps in development of Curriculum. [7]

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

- (a) Ward management [5]
(b) Decision making [5]

4. Discuss in detail Ethical aspects in nursing management along with examples and your own experience. [10]

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

- a. Records and reports
b. Public relations
c. Supervision
d. Nursing Audit
e. Career opportunities in nursing
f. Principles of material management
g. Job description
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