

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

BF/2022/05

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 Ear Structures. [2]
(b) Briefly explain the classification of Primary tissues. [4]
(c) Describe the structure of Lungs. [4]

OR

- (ii) (a) Draw a labeled diagram of Tongue. [2]
(b) Briefly explain the structure of Heart. [4]
(c) Write differences between Large and Small Intestine. [4]
2. Explain the followings :
(a) Phases of Menstrual cycle [4]
(b) Functions of Master glands [4]
(c) Types of Joints [2]

3. Describe in brief any **TWO** of the following : [2½x2=5]
(a) Functions of RBC
(b) Functions of Spinal cord
(c) Hormones produced by ovary

4. Write Short Notes on any **FOUR** of the following : [3x4=12]
(a) Hyoid bone (b) Histology
(c) WBC (d) Ear ossicles
(e) ECG (f) Power generating unit of the cell

SECTION-B

[38 Marks]

QP Code: BNN102 [PHYSIOLOGY]

1. (i) (a) List out the accessory organs of digestion [2]
(b) Briefly explain the physiology of Taste. [4]
(c) Briefly explain the structure of Stomach. [4]

OR

- (ii) (a) Draw a labeled diagram of Liver. [2]
(b) Briefly explain digestion and absorption of Protein. [4]
(c) Write differences between Mitosis and Meiosis. [4]
2. Explain the followings :
(a) Hearing [2]
(b) Physiology of respiration [4]
(c) Thyroid gland [4]

3. Describe in brief any **TWO** of the following : [3x2=6]
(a) Pulse Pressure
(b) The arteries carrying deoxygenated blood
(c) Pituitary gland

4. Write Short Notes on any **FOUR** of the following : [3x4=12]
(a) Tricuspid valve (b) The Cells that form the kidney's filtering units
(c) Neurotransmitters (d) The longest and strongest bone of the body
(e) List out muscles of mastication (f) Write expanded form of RNA

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

BF/2022/05

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) Define Balanced diet. [2]
(b) Explain the Macro-elements of Nutrition. [5]
(c) Factors affecting Food choices and Nutrition. [3]
2. (a) Define Therapeutic diet. [2]
(b) Enumerate the Nutritional problem in India. [3]
(c) Discuss Nurses' role in Nutrition education. [5]
3. (a) Write the unit and formula for Body Mass Index Calculation. [2]
(b) Explain principles of Cooking. [4]
(c) Discuss the parameters of Nutritional assessment. [4]
4. **Write Short Notes on any THREE of the following :** [3x5=15]
 - (a) Hypervitaminosis
 - (b) Protein energy mal nutrition
 - (c) Prevention of food adulteration
 - (d) Nutritional needs of an infant
 - (e) National nutritional policy

SECTION-B

[30 Marks]

QP Code: BNN104

[BIOCHEMISTRY]

1. (i) (a) Describe the Pentose phosphate pathway of glucose metabolism giving names of enzymes and coenzymes involved. [5]
(b) Describe absorption of Calcium in the body. Also explain how serum calcium level is regulated. [5]
 - OR**
 - (ii) (a) Give an account of chemistry, functions and deficiency manifestations of Vitamin B₁₂. [5]
(b) Describe the importance of Serum enzymes in the diagnosis of disease. [5]
 2. Explain the Regulation of Cholesterol biosynthesis. [5]
 3. **Write Short Notes on any FIVE of the following :** [3x5=15]
 - (a) Essential fatty acid
 - (b) PUFA (Polyunsaturated fatty acids)
 - (c) Krebs- Henseleit cycle
 - (d) Refsum's disease
 - (e) Hinge region
 - (f) Electrophoresis
 - (g) Iso enzymes
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B.Sc.(N) [1st Year]

BF/2022/05

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) Describe briefly :

- (a) Concept of advocacy [5]
- (b) Functions of hospital [5]
- (c) Role of a nurse in primary health care [5]

OR

(ii) Describe the following :

- (a) Concept of health care team [5]
- (b) Functions of a nurse [5]
- (c) Role of a nurse in admission of a patient under medico-legal category [5]

2. Explain the following :

- (a) Phases of helping relationship [5]
- (b) Peplau's nursing theory [5]
- (c) Elements of communication [5]

3. You are posted in Surgical ward and Mr. P is unconscious after surgery. Answer the following :

- (a) Administration of medicine and I/V fluids [5]
- (b) Hygienic care of patient [5]

4. Mr. Y is admitted in Medical ward with the history of Asthma since last 12 years, having breathing problem, chest tightness, insomnia. Make a nursing care plan for Mr. Y using the following steps : [2x5=10]

- (a) Assessment (b) Nursing diagnosis (c) Planning
- (d) Implementation (e) Evaluation

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

- (a) Role of nurse in providing first aid to patient with heat stroke
- (b) Role of nurse in promoting rest and sleep
- (c) Role of nurse in meeting psycho- social needs of a patient
- (d) Role of nurse in handling over the charge during shift change
- (e) Role of nurse in maintaining vital signs and its recording
- (f) Role of nurse in monitoring patient on blood transfusion
- (g) Role of nurse in prevention and control of infection

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

BF/2022/05

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 Attention. [2]
(b) Describe the determinants of attention [7]
(c) Discuss in brief the disorders of perception [6]
- OR**
- (ii) (a) Define Motivation. [2]
(b) Discuss factors affecting motivation. [7]
(c) Differentiate between biological and social motives. [6]
2. (a) Define Stress. [2]
(b) Discuss stress adaptation model. [5]
(c) Discuss ways for stress management. [8]
3. (a) List characteristics of a mentally healthy person. [3]
(b) Explain different types of memory and ways to improve memorization. [7]
4. (a) Define Ego- defense mechanism. [2]
(b) Discuss how emotions affect our perception. [8]
5. **Write Short Notes on any FIVE of the followings :** [5x5=25]
(a) Body mind relationship
(b) Psychology in nursing
(c) Theory of classical conditioning
(d) Factors affecting attitude change
(e) Maslow's hierarchy of motivation
(f) Warning signs of poor mental health
(g) Psychometric assessment of emotions
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B.Sc.(N) [1st Year]

BF/2022/05

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 Hospital Acquired Infections (HAI). [3]
(b) What is role of nurse in preventing HAI. [5]
(c) Write about hospital waste management protocol in Covid ward? [7]

OR

- (ii) (a) Define Sterilization and Disinfection. [3]
(b) What are various methods of Sterilization. [5]
(c) Explain in detail working of Autoclave, its types and utility. [7]

2. **Write in short:**

- (a) Bacterial motility [5]
(b) Classification of Rickettsia [5]
(c) Syphilis [5]

3. **Write in brief :**

- (a) Dengue virus [5]
(b) Plasmodium falciparum [5]

4. **Write short note on:**

- (a) Ascaris [5]
(b) Mucormycosis [5]

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

[5x5=25]

- (a) Culture of Mycobacterium tuberculosis
(b) TRIC agents
(c) Candida infections
(d) Cephalosporins
(e) Type I hypersensitivity
(f) Pathogenicity of Staphylococcus
(g) Urinary tract infections
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B.Sc.(N) [1st Year]

BF/2022/05

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) My Career Plan (b) The Role of Education in Life
(c) India's Place in the World (d) My Contribution to Society

2. Your friend has not done well in her exams. Write a letter consoling her and cheering her up. [10]

3. Define Anecdotal Records. What is their importance? [10]

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

India is capable of solving its own problems. As a nation, we have achieved self-sufficiency in food, the prime requirement for sustenance. The communication network has vastly improved. The infrastructure is now getting some attention. The power sector, production hitherto neglected, is being augmented. It will improve. Transportation- both rail and road- which is under consideration for improvement will also pick up. These achievements must be highlighted at the global level. They should be publicized in the underdeveloped and developing countries and more vigorously in the developed countries. Doordarshan snippets depicting national integrity are certainly helping the cause of Indianness within India. What is needed is a marketing strategy: India must be presented as a product, a quality product to be projected on the global scene.

5. Correct the following sentences : [5]

- (a) Where are their event?
(b) She was look for her bag.
(c) I hope you will help me in.
(d) She will not believes your story.
(e) There were two men in the room when I look.

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

- (a) Come _____, please.
(b) Put the books _____ the table.
(c) Please keep the cash _____ the locker.
(d) He is traveling _____ Europe.
(e) What are you doing _____ my books?

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

- (a) Partial or total loss of memory (b) Something that is easily broken (c) Loud sound
(d) A perfect example (e) Eat fast, noisily and greedily

8. Give the Antonyms for the following words: [5]

- (a) Pretty (b) Enthusiastic (c) Energetic (d) Peace (e) Happy

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

- (a) Burn your boats (b) Hit the sack (c) Cut corners
(d) Eat like a horse (e) Draw the line

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

- (a) Charity (b) Homely (c) Royal (d) Newspaper (e) Outrageous and quitting

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

BF/2022/05

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) Explain the Nature of Sociology. [6]
(c) Discuss the importance of Studying Sociology in Nursing. [7]

OR

- (ii). (a) Define Social Dynamics. [2]
(b) Discuss various problems of Urban Slums. [6]
(c) Discuss Community Development Programs in India. [7]
2. (a) Differentiate between Primary and Secondary Groups. [5]
(b) Differentiate between In group and Out group. [5]
(c) Differentiate between Urban and Rural Community. [5]
3. (a) Define Social Interaction. [2]
(b) Explain Isolation and it's effect on Health. [3]
(c) Discuss the technological factors of Social Change. [5]
4. (a) Differentiate between Co-operation and Competition. [2]
(b) Discuss the demographic characteristics of Urban Indian Population. [3]
(c) Is India an over populated country? Discuss. [5]

5. **Write Short Notes on any FIVE of the following :** [5x5=25]
- (a) Social disorganisation
(b) Adverse effect of Caste system
(c) Folkways
(d) Dowry Prohibition Act 1986
(e) Problems of Modern Family
(f) Accommodation
(g) Social Control
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B.Sc.(N) [2nd Year]

BF/2022/05

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 Pleural effusion. [2]
(b) Discuss the etiopathogenesis of Pleural effusion. [8]
(c) Discuss the management of the patient with Pleural effusion. [5]
- OR**
- (ii) (a) Define Bronchial asthma. [2]
(b) Discuss the pathophysiology and the clinical manifestations of Bronchial asthma. [8]
(c) Discuss the management of the patient admitted with Bronchial asthma. [5]
2. (a) Discuss the etiological factors of Hypertension. [5]
(b) What all complications a patient can develop with uncontrolled Hypertension. [5]
(c) Discuss the role of a nurse in the management of Hypertension. [5]
3. (a) Define End Stage Renal Disease (ESRD). [2]
(b) Discuss the perioperative management of patient undergoing Renal transplant. [8]
4. (a) Discuss the indications of Cardiopulmonary resuscitation. [4]
(b) Discuss the post resuscitation management of a patient. [6]
5. **Write Short Notes on any FIVE of the followings :** [5x5=25]
(a) Role of nurse in Out Patient Department
(b) Standard safety measures
(c) Anaphylaxis shock
(d) Cardiac catheterization
(e) Polycythemia
(f) Urinary Tract Infection
(g) Dengue
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B.Sc.(N) [2nd Year]

BF/2022/05

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 O.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 Cholinergic and Anti Cholinergics. [4]
(b) Classify the Chemotherapy drugs. [3]
(c) Role of nurse in administering Chemotherapy 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 Adrenaline drug. [4]
(b) Side effects of Anti tubercular drugs. [3]
(c) Role of nurse in administering Penicillin drug. [3]

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

[6x3=18]

- (a) Side effect of Histamines drug
(b) Name the Bronchoconstrictor drugs
(c) Unani
(d) Indication of Antipruritic 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 Antivenom

SECTION-B

[37 Marks]

QP Code: BNN204

[PATHOLOGY]

1. **Discuss briefly :**

- (a) Discuss CSF Examination in case of Meningitis. [4]
(b) Morphology of Emphysema [3]
(c) Granulomatous Inflammation [3]

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

[5x3=15]

- (a) Glomerulonephritis (b) Ectopic Gestation
(c) Atherosclerosis (d) Hepatocellular Carcinoma
(e) Typhoid Fever (f) Chronic Liver Abscess
(g) Arthritis

[GENETICS]

[12 Marks]

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

[4x3=12]

- (a) Spontaneous Abortion (b) Impact of Genetic Condition on Family
(c) Sex Linked Inheritance (d) Inborn Errors of Metabolism
(e) Down's Syndrome (f) Genetic Haemochromatosis

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

BF/2022/05

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) Describe Epidemiological triad. [5]
(b) Explain the transmission of respiratory infections by using Epidemiological triad. [5]
(c) Discuss how the knowledge of Epidemiological triad will help community health nurse in prevention and control of Respiratory infections in her assigned community. [5]

OR

- (ii) (a) Discuss the sources of Air pollution. [5]
(b) Explain the impact of Air pollution on health of community. [5]
(c) Describe the role of community health nurse in prevention and control of Air pollution. [5]
2. (a) Define Demography and discuss its concepts. [7]
(b) Explain measurement of Demographic rates and ratios. [8]
3. (a) Nutritious food is important to maintain the health of individuals of all ages: Justify the statement by giving suitable examples. [3]
(b) Enlist the diseases caused due to Nutritional deficiencies. [2]
(c) Discuss the role of community health nurse in prevention and management of diseases caused due to improper nutrition. [5]
4. (a) Overall development of a community is best contraceptive: Justify this statement by giving suitable examples. [5]
(b) Discuss the impact of population explosion on social economic development of a country. [5]

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

- (a) Marriage system
(b) Descriptive method of Epidemiology
(c) Infant Mortality rate
(d) Prevention and Control of Breast cancer
(e) Characteristics of Mentally healthy person
(f) Tuberculosis
(g) Food hygiene
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B.Sc.(N) [2nd Year]

BF/2022/05

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 Lesson plan and describe the characteristics of Lesson plan. [8]
(b) Prepare a Lesson plan for 1 year B.Sc. Nursing students on Urinary Catheterization. [7]

OR

- (ii) **Write in detail the following teaching methods in Nursing Education:**
- (a) Lecture Method [8]
(b) Nursing Rounds [7]
2. (a) Define Health Education. What are the principles of Health Education. [8]
(b) Write down the various methods used for Health Education. [7]
3. (a) Define Teaching. List out the methods of Teaching. [4]
(b) Explain in detail about maxims of Teaching. [6]
4. (a) Describe Philosophy of Nursing Education. [4]
(b) Discuss in detail about Pragmatism. [6]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
- (a) Micro Teaching
(b) Group Dynamics
(c) Johari Window
(d) Chalk Board
(e) Multiple Choice Questions
(f) Issues for Counseling in Nursing
(g) Role Play
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QP Code: BNN301

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

BF/2022/05

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. M 48 years old Woman admitted with 45% Burns. Answer the following :**

- (a) Enumerate classification of Burns. [5]
- (b) Explain the fluid resuscitation in Burns. [5]
- (c) Discuss the nursing management for Mrs. M. [5]

OR

- (ii) (a) Explain the diagnostic studies carried out for Ear disorders. [5]
- (b) Describe Meniere's disease. [5]
- (c) Discuss the nursing management of patients with Speech defects and deafness. [5]

2. **Mr. M 37 years old Man with Road traffic accident had Head injury and has increased Intracranial pressure. Answer under following heading:**

- (a) Describe the nursing assessment by Glasgow Coma Scale. [4]
- (b) Discuss the types of Head injury. [4]
- (c) Discuss the nursing management for Mr. M with increased Intracranial pressure. [7]

3. **Describe briefly the following :**

- (a) Role of nurse in prevention of occupational health hazards [5]
- (b) Common musculoskeletal problems in elderly [5]

4. **Explain the following :**

- (a) Psychiatric emergency [5]
- (b) Emergency management of Shock [5]

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

- (a) Cardiac monitor
 - (b) Role of nurse for care of elderly with regard to Nutrition
 - (c) Types of Disaster
 - (d) Hospice care
 - (e) Radiotherapy
 - (f) Abortion
 - (g) Retinal detachment
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QP Code: BNN302

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

BF/2022/05

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) Write, how an Adult is different from a Child. [7.5]
(b) Enumerate the kind of hospital environment provide for a 10 year Sick Child, admitted with Fever. [7.5]

OR

- (ii). (a) Enlist the National Programmes related to Child health and welfare. [7.5]
(b) Discuss any one programme related to Child health and welfare. [7.5]

2. (a) What is Malnutrition? [3]
(b) Describe the causes of Protein Energy Malnutrition (PEM). [5]
(c) Discuss the management of PEM. [7]

3. (a) Define Newborn. [2]
(b) Discuss care of Newborns and Young Infants under 2 months. [8]

4. (a) What is Exclusive Breast feeding ? [3]
(b) Discuss why Exclusive Breast feeding is important. [7]

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

- (a) Role of a Child Health Nurse in Caring for a Hospitalized Child
(b) Value of Play Material
(c) Preventive Paediatrics
(d) Functions of Well Baby Clinics
(e) Importance of Kangaroo Mother Care
(f) National Immunization Scheme
(g) Prevention of Paediatric accidents
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QP Code: BNN303

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

BF/2022/05

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 Mood disorder. [2]
(b) Discuss etiology of Bipolar affective disorders. [3]
(c) Explain nursing management of a client with Bipolar affective disorders. [10]

OR

- (ii) (a) Define Generalized Anxiety Disorder. [3]
(b) Discuss the causes, signs and symptoms of Generalized Anxiety Disorder. [6]
(c) Write a nursing care plan for a patient with Generalized Anxiety Disorder. [6]

2. (a) Define Therapeutic nurse patient relationship. [2]
(b) Discuss phases of Therapeutic nurse patient relationship. [7]
(c) Explain Therapeutic impasse. [6]

3. (a) List and explain role of Mental health team. [6]
(b) Discuss qualities of Psychiatric nurse. [4]

4. (a) How can you prevent Mental illness. [5]
(b) How will you manage a geriatric patient with Psychiatric illness. [5]

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

- (a) Commonly used substances in Abuse
(b) Management of Dementia
(c) Types of Crisis
(d) Mini mental status examination
(e) Anti manic drugs
(f) Mental health and Mental illness
(g) Indian Mental Health Act
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QP Code: BNN304

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

BF/2022/05

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. Explain Validity and Reliability. [5+5=10]
2. (a) Define Quantitative research approach. [2]
(b) List the various designed used in Quantitative research approach. [3]
(c) Explain the Experimental design. [10]
3. (a) List the methods of Data collection. [2]
(b) Explain any one of the Data collection method. [8]
4. **Write Short Notes on any THREE of the following :** [3x5=15]
 - (a) Factors influencing Sampling process
 - (b) Sampling criteria
 - (c) Simple random sampling
 - (d) Pilot study
 - (e) Steps of Research process

SECTION-B

[25 Marks]

(Statistics)

5. (a) Describe the measures of Variability. [5]
(b) Explain Mean, Median and Mode. [5]
(c) Distinguish between Type 1 and Type 2 Error. [5]
6. [3+2+5=10]
 - (a) Describe the meaning of Test of significance and Normal probability.
 - (b) Calculate mean and mode of following data:.

10, 20, 30, 40, 50, 50, 52, 40, 44, 30, 20, 10, 30, 20, 30

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

BF/2022/05

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 Eclampsia. [2]
(b) List clinical features of Eclampsia. [5]
(c) Describe the nursing management of Primi- Gravida Mother with Pre-eclampsia. [8]

OR

- (ii). (a) Define Antepartum hemorrhage (APH). [2]
(b) List down the signs and symptoms of APH. [5]
(c) Describe the nursing management of APH. [8]
2. (a) Define Cord prolapse. [2]
(b) List down the signs and symptoms of Cord prolapse. [4]
(c) Describe the management of Cord prolapse and nurse's role to manage the case. [9]

3. **Write briefly about the following :**
(a) Signs and symptoms of Pregnancy [3]
(b) Signs and symptoms of Habitual abortion [3]
(c) Postpartum blue [4]

4. **Explain the following :**
(a) Antenatal assessment during first visit to Hospital [5]
(b) Mechanism of normal labour. [5]

5. **Write Short Notes on any FIVE of the following:-** [5x5=25]
(a) Vacuum extraction
(b) Artificial rupture of membrane
(c) Permanent methods of family planning
(d) Foetal skull
(e) Epidural anesthesia
(f) Induction of labour
(g) Puerperium

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

BF/2022/05

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) Explain Health problems in India. [7]
(b) Mention previous National health policies and explain the current NHP 2017.[8]
- OR**
- (ii) (a) Define Primary health care. [2]
(b) Describe principles of Primary health care. [5]
(c) Elaborate National programs for prevention and control of Tuberculosis and AIDS. [8]
2. (a) Explain Maternal health services. [8]
(b) Explain School health services. [7]
3. (a) Discuss scope of Community health nursing. [5]
(b) Staffing and functions of Primary health centre. [5]
4. (a) Briefly write Indian systems of Medicine. [5]
(b) Explain Waste management on home and community. [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
- a. World Health Organization
 - b. Abuse of Elders and prevention
 - c. Breast self examination
 - d. Functions of Director General of Health Services
 - e. Records and reports of Primary health centre
 - f. Medical Termination of Pregnancy Act
 - g. Roles and responsibilities of ASHA workers

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

BF/2022/05

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
(Nursing Research)

[50 Marks]

1. (a) Explain the need of research in nursing as a profession. [4]
(b) Discuss Experimental research approach and its types. [6]
2. (a) Discuss the steps of writing research proposal. [5]
(b) Explain the factors influencing sampling process. [5]
(c) Discuss observation method of data collection with examples. [5]
3. Discuss the meaning of any **FIVE** of the following in relation to research : [5x2=10]
(a) Objectives (b) Variables (c) Open ended questions
(d) Ethical consideration (e) Level of significance (f) Study sample
(g) DATA
4. Write Short Notes on any **THREE** of the following : [3x5=15]
(a) Survey research approach (b) Summary and conclusion
(c) Quantitative research design (d) Need of research study
(e) Review of literature

SECTION-B
(Statistics)

[25 Marks]

5. Write short note on any **THREE** of the following : [3x5=15]
(a) Graphical representation of data
(b) Variability measures
(c) Methods of correlation
(d) Statistical package and its application
(e) Written communication of research findings
6. (a) Represent the following :data in the form of a bar graph/ histogram [4]

Intelligence score	25	28	20	26	35	30
Age (years)	40	35	50	38	63	43

- (b) Calculate the mean and mode of the monthly income (£) of six families: £35000, £34000, £ 25,500, £ 23000, £ 26000, £ 31050. [3+3= 6]
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B.Sc.(N) [4th Year]

BF/2022/05

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 discuss importance of planning in management. [8]

(b) Elaborate principles of Planning. [7]

OR

(ii). (a) What is Management and discuss purposes of management. [7]

(b) Elaborate principles of Management. [8]

2. (a) Define Motivation and write down the concepts of motivation. [8]

(b) Describe role of administrator in Motivation. [7]

3. Discuss role of a Nurse manager in :

(a) Team Work [5]

(b) Staff Development [5]

4. (a) Describe purposes and importance of Recruitment. [5]

(b) Elaborate Job responsibilities of Nursing In-charge of a Ward/ Unit. [5]

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

(a) Professional Organisations

(b) Accreditation

(c) Principles of Adult Learning

(d) Group Dynamics

(e) Continuing Education

(f) Importance of Records and Reports

(g) Inventory Control
