

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

BF/2021/11

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 Eyeball Structures. [2]
(b) Briefly explain the structure & functions of Human Cell. [4]
(c) Explain briefly the organs of Respiratory system. Write differences between right & left lungs. [4]

OR

- (ii) (a) Draw a labeled diagram of Femur bone. [2]
(b) Explain Cardiac Cycle. [4]
(c) Write differences between High blood pressure and Low blood pressure. [4]

2. Explain the followings :
(a) Kidneys [4]
(b) Digestive system [4]
(c) Functions of Bile [2]

3. **Describe in brief any TWO of the following :** [2½x2=5]
(a) Functions of Skin.
(b) Functions of Nervous system.
(c) Functions of Pineal gland.

4. **Write Short Notes on any FOUR of the following :** [3x4=12]
(a) Testes (b) Mastication Process
(c) Homeostasis (d) Bowman's capsule
(e) DNA (f) Elastic cartilage

SECTION-B

[38 Marks]

QP Code: BNN102

[PHYSIOLOGY]

1. (i) (a) Define Cell cycle. [2]
(b) Briefly explain the physiology of Smell. [4]
(c) Briefly explain the conduction system of Heart. [4]

OR

- (ii) (a) Draw a labeled diagram of Neuron. [2]
(b) Briefly explain the structure of Uterus. [4]
(c) Write differences between male pelvic and female pelvic. [4]

2. (a) Physiology of Taste [2]
(b) Connective tissue [4]
(c) Mechanism of Respiration [4]

3. **Describe in brief any TWO of the following :** [3x2=6]
(a) Process of Urine formation
(b) Cell division
(c) Osmosis

4. **Write Short Notes on any FOUR of the following :** [3x4=12]
(a) Cardiac output (b) Microglial cells
(c) Kupffer cells (d) Mitral valve
(e) RBCs (f) ACTH

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

BF/2021/11

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 Nutrition. [2]
(b) Write about National nutritional policy. [4]
(c) Write classifications of Foods. [4]
2. (a) Define Balanced diet. [2]
(b) What are the elements of Balanced diet. [4]
(c) Factors influencing Meal planning. [4]
3. (a) Food Standards. [2]
(b) Classification of Vitamins. [4]
(c) Role of nutrition in maintaining Health. [4]
4. **Write Short Notes on any THREE of the following :** [3x5=15]
(a) Obesity (b) Water Soluble Vitamins
(c) Source of Iron (d) Food Hygiene
(e) Micronutrients

SECTION-B

[30 Marks]

QP Code: BNN104

[BIOCHEMISTRY]

1. (i) (a) How Fats are digested and absorbed ? What is Steatorrhea ? [5]
(b) Explain physiological and biochemical functions, chemistry with structure of Vitamin D. [5]
 - OR**
 - (ii) (a) Discuss the structure, classes and properties of Immunoglobulins. [5]
(b) Name the important Buffer systems in the body. Describe the role of Kidneys in the maintenance of acid base balance. [5]
 2. Define Enzymes. Explain factors affecting enzymatic activity. [5]
 3. **Write Short Notes on any FIVE of the following :** [3x5=15]
(a) Regulation of Blood glucose (b) Albinism
(c) Jaundice (d) Metarotation
(e) Fluid Mosaic Model (f) FIGLU
(g) Anion Gap
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QP Code: BNN105

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

BF/2021/11

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) Primary health care [5]
 - (b) Characteristics of a profession [5]
 - (c) Unit preparation for patient admission [5]

OR

- (ii) Explain the following:
- (a) Methods of effective communication [5]
 - (b) Importance of documentation as part of nursing process [5]
 - (c) Characteristics of pulse [5]
2. **Mr. Y is a case of Head Injury admitted in unconscious state in Neurosurgery Ward. Write the nursing responsibilities while carrying out following procedures on the patient:**
- (a) Pressure point care [5]
 - (b) Intravenous fluid administration [5]
 - (c) Care of urinary drainage [5]
3. **Describe briefly :**
- (a) Barrier nursing [5]
 - (b) Routes of medication administration [5]
4. **Mrs. X is admitted with Gall bladder stones and will have gall bladder removal surgery tomorrow. Answer the following :**
- (a) Pre operative preparation of Mrs. X [5]
 - (b) Wound care and pain management in post- operative period [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
- (a) Health belief model
 - (b) Care of dying patient
 - (c) Biomedical waste management
 - (d) Principles of body mechanics
 - (e) Patient safety
 - (f) Purposes of health assessment
 - (g) Guidelines for recording and reporting
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B.Sc.(N) [1st Year]

BF/2021/11

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) What is learning ? [3]
(b) What are the various factors of effective learning? [6]
(c) Discuss three major laws of learning ? [6]

OR

- (ii) (a) Define attitude? [3]
(b) What are the various factors which affect attitude ? [6]
(c) List various attitudes listed by Kempf and Averill for a successful and efficient nurse. [6]
2. (a) Discuss personal motives in detail? [5]
(b) Explain various theories of motivation. [4]
(c) Discuss Morgan's physiological theory of motivation in detail. [6]
3. (a) What are the various methods used for the assessment of personality. Discuss one in detail? [5]
(b) Differentiate between extrovert, asthenic and athelitic types of personality?[5]
4. (a) Define intelligence. [3]
(b) Discuss multifactor theory of intelligence in detail? [7]

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

- (a) Psychological needs of an adolescent
(b) Concept of mental health
(c) Observational method of psychology
(d) Concept of forgetting
(e) Nature of behavior of an organism
(f) Limitations of clinical case study
(g) Trait theory of personality
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B.Sc.(N) [1st Year]

BF/2021/11

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 UTI. [3]
(b) Name organisms causing UTI. [5]
(c) Write in detail laboratory diagnosis of UTI. [7]

OR

- (ii) (a) Define Meningitis and its types. [3]
(b) Name organisms causing Meningitis. [5]
(c) Write in detail laboratory diagnosis of Meningitis. [7]

2. **Write in brief:**

- (a) Koch postulates [5]
(b) Complement system [5]
(c) Classify viruses [5]

3. **Write in brief :**

- (a) Rabies virus [5]
(b) Clostridium botulinum [5]

4. **Write short note on:**

- (a) Hookworm [5]
(b) Malarial parasite [5]

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

[5x5=25]

- (a) Blood culture method
(b) Non albicans candida
(c) Universal immunization program
(d) Enteric fever
(e) VDRL test
(f) Chlamydial infections
(g) Bacterial spore
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B.Sc.(N) [1st Year]

BF/2021/11

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 Dream (b) Education and Life
(c) India and the World (d) My Role in Nation- Building

2. Your sister has done well in her exams. Write a letter congratulating her and promising her a prize. [10]**3. Define Nurses Notes. What is their importance? [10]****4. Make a precis of the following passage and suggest a suitable title : [10]**

India is a great country, any Indian can be proud of it. It has an ancient and a rich heritage. The Hindu scriptures- the Upanishads, the Bhagavad-Gita, the Vedas and the great epics- the Mahabharata and Ramayana- teach how a man should conduct himself in all situations, at all places and at all times. Indians are spread all over the world and viewed in the right perspective; an Indian has all the traits of a successful individual. But he is not in the limelight internationally. At crucial times, his skill is lacking. Be it in academics, politics, statesmanship or sports. Globally, his identity does not reverberate as that of the European, American, Japanese and Chinese. Economists harp on the lack of competitiveness among the Indian businessmen. There is no distinct "Indian management" which could become a 'benchmark' like that of American/Japanese management. The Indian's deeds do not get highlighted. An Indian is definitely not inferior, but is not among the best.

5. Correct the following sentences : [5]

- (a) Where are you gone?
(b) The police is looking within the matter.
(c) Please put these papers in back where they belong.
(d) He doesn't knows about it.
(e) The Chief Minister handed over his resignation.

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

- (a) What are you _____ ?
(b) Write _____ Pencil.
(c) Please don't get _____ trouble.
(d) I am flying _____ London.
(e) What are you doing _____ my room?

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

- (a) A person well-known for bad qualities (b) One who loves his/her country (c) One's own life story
(d) To examine carefully (e) A person who eats too much

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

- (a) Wise (b) Brave (c) Cloudy (d) Happiness (e) Bright

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

- (a) By a whisker (b) Trial and error (c) Take a beating
(d) Kick the bucket (e) Put off

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

- (a) Chores (b) Kitten (c) Depth (d) Member (e) Quay

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

BF/2021/11

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 Group. [2]
(b) Discuss the reason for formation of Group. [6]
(c) Compare between Primary and Secondary Group. [7]

OR

- (ii). (a) Define Marriage. [2]
(b) Discuss different forms of Marriage. [6]
(c) Explain the effects of Marriage on health and health practices. [7]
2. (a) Define Social Stratification. [2]
(b) Discuss the origin of Caste System. [7]
(c) Describe the features of Caste System in India. [6]
3. (a) What do you mean by a Social Change. [2]
(b) List down the factors which cause Social Change. [3]
(c) Discuss the role of Nurse as a change agent. [5]
4. (a) Define Urban Community. [2]
(b) List the major problems of Urban Community. [3]
(c) Explain how the process of Urbanization affects Health. [5]

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

- (a) Malthusian Theory of Population
(b) Nature and Scope of Sociology
(c) Cultural Lag
(d) Difference between Community and Society
(e) Women Abuse
(f) Social Mobility
(g) Panchayati Raj
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B.Sc.(N) [2nd Year]

BF/2021/11

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 Antacids and Purgatives. [4]
- (b) Classify the Chemotherapy drugs. [3]
- (c) Role of nurse in administering Chemotherapy drugs. [3]

OR

- (ii) (a) Describe the routes 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 Noradrenalin 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) Write names of the Hypolipidemics
- (b) Side effects of Anti scabies
- (c) Ayurveda
- (d) Indication of Noradrenergics drug
- (e) Toxicity of Alkalanizers drug
- (f) Action of Vasodilator drug
- (g) Role of nurse in administering Coagulants
- (h) Role of nurse in administering Antiviral drug

SECTION-B

[37 Marks]

QP Code: BNN204

[PATHOLOGY]

1. **Discuss briefly :**

- (a) Discuss Gross and Microscopic Examination of Semen. [4]
- (b) Myocardial Infarction [3]
- (c) Pathogenesis of Viral Hepatitis [3]

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

[5x3=15]

- (a) Fibroid Uterus
- (b) Procedure of Bone Marrow Examination
- (c) Methods of Cross Matching
- (d) Meningitis
- (e) Lung Abscess
- (f) Morphology of Peptic Ulcer
- (g) Choriocarcinoma

[GENETICS]

[12 Marks]

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

[4x3=12]

- (a) Gene Therapy
 - (b) Huntington's Disease
 - (c) Neural Tube Defects
 - (d) Maternal Drug Therapy
 - (e) Screening for Congenital Abnormalities
 - (f) Human Genome Project
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QP Code: BNN205

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

BF/2021/11

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 the dynamics of disease transmission of Tuberculosis. [7]
(b) Explain the role of community health nurse in prevention and control of Tuberculosis in her assigned community. [8]

OR

- (ii) (a) Enlist methods of Epidemiology. [2]
(b) Discuss in detail about analytical Epidemiology. [5]
(c) Explain how a community health nurse can use the knowledge of Epidemiology in prevention and control of typhoid in her assigned community. [8]
2. (a) What do you understand by Women Empowerment? [7]
(b) Discuss how the status of Women in a community determines the health of community. [8]
3. (a) Explain the impact of life style on the health of an Individual. [5]
(b) Discuss how healthy life style helps in prevention and control of non-communicable diseases by giving suitable examples. [5]
4. (a) Discuss spacing methods of Birth control. [5]
(b) Describe different strategies a community health nurse can use for controlling population of her assigned community. [5]

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

- (a) Drugs and Cosmetic Act
(b) Accidents
(c) Levels of Prevention
(d) Food Adulteration and its Impact on Health
(e) Prevention and Control of Vector Borne Diseases
(f) Healthy Life Style
(g) Family Structure
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B.Sc.(N) [2nd Year]

BF/2021/11

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 the meaning of Education and write the aims and functions of Education. [8]

(b) Describe the advantages and limitations of Essay type questions. [7]

OR

(ii) (a) Define Guidance. Explain the purposes and scope of guidance. [8]

(b) Describe the issues of nursing students for Counselling. [7]

2. (a) Describe Counselling Process. [8]

(b) Explain the management of disciplinary problems related to Students. [7]

3. (a) Define Project method. Write the purposes and types of project method. [6]

(b) Explain the role of Teacher in Project method. [4]

4. (a) Explain the purposes and list the types of A.V. Aids used in teaching. [6]

(b) Chalk board and its advantages and limitations [4]

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

(a) Team Work

(b) Techniques of Communication

(c) Role of Counselor in Counselling Session

(d) Poster as a Teaching Aid

(e) OSCE

(f) Panel Discussion

(g) Communicating Health Messages effectively

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

BF/2021/11

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) Discuss the etiological factors of Intestinal Obstruction. [3]
(b) Discuss the pathophysiology along with clinical manifestations. [6]
(c) Discuss the emergency management of the patient with Intestinal Obstruction. [6]

OR

- (ii) (a) Discuss the etiological factors of Duodenal Ulcers. [2]
(b) Discuss the pathophysiology and the clinical manifestations of Duodenal Ulcers. [8]
(c) Discuss the medical management of the patient. [5]
2. (a) What is a diabetic foot ulcer? [2]
(b) Discuss the comprehensive management of a patient who is undergoing below knee amputation because of diabetic foot ulcer. [13]
3. (a) Define Benign Prostate Hypertrophy? [2]
(b) Discuss the peri-operative management of patient who is undergoing Trans Urethral Esection of the Prostate (TURP). [8]
4. (a) Discuss the pathophysiology of Chronic Obstructive Pulmonary Disease (COPD). [5]
(b) Discuss the medical management of COPD. [5]
5. **Write Short Notes on any FIVE of the followings :** [5x5=25]
(a) Post operative Management of a Patient after Thyroidectomy
(b) Prostate Hypertrophy
(c) Antitubercular Treatment
(d) Fluid and Electrolyte Imbalance
(e) Stages of Wound Healing
(f) Covid 19 Vaccination
(g) Role of Nurses in Intensive Care Units
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QP Code: BNN301

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

BF/2021/11

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) **Mr. B 45 years old male admitted with the diagnosed of Meningitis. Answer the following :**

- (a) Define Meningitis. [2]
(b) Enumerate the neurological assessment and diagnostic investigations to be carried out for Mr. B. [6]
(c) Discuss the medical and nursing management for Mr. B. [7]

OR

- (ii) (a) Explain the diagnostic studies carried out for Eye disorders. [3]
(b) Describe refractive errors and its corrective glasses. [6]
(c) Discuss the nursing management on prevention of Inflammatory eye disorders. [6]

2. **Mr. A is diagnosed of Glaucoma. Answer the following:**

- (a) Define Glaucoma. [2]
(b) Discuss the types of Glaucoma. [4]
(c) Describe the method to measure Intra ocular pressure. [3]
(d) Discuss the nursing management for Mr. A diagnosed of Glaucoma. [6]

3. **Describe briefly the following :**

- (a) Coping with dying and death [5]
(b) Common respiratory problems in elderly [5]

4. **Explain the following :**

- (a) Pediatric emergency [5]
(b) Emergency management of Seizures [5]

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

[5x5=25]

- (a) Industrial Health Disorder
(b) Defibrillator
(c) Role of Nurse for Care of Elderly with regard to Communication
(d) Concepts of Triage
(e) Palliative Care
(f) Bone Marrow Transplant
(g) Fluid Resuscitation in Burns
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QP Code: BNN302

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

BF/2021/11

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 is IMNCI? [2]
(b) Enlist principles of IMNCI Guidelines. [6]
(c) Prepare a chart for IMNCI case management process. [7]

OR

- (ii). (a) Define Behavior disorders. [2]
(b) Enlist the various behavior disorders of Children. [6]
(c) Discuss any one disorder in detail. [7]
2. (a) Discuss the factors responsible for Growth and development of a Child. [7^{1/2}]
(b) Briefly explain the differences between an Adult and a Child. [7^{1/2}]

3. **Master Mohit admitted in Pediatric Unit for Blood Transfusion due to Severe Anemia:**

- (a) Define Anemia [2]
(b) Write classification of Anemia [3]
(c) Discuss the management of Iron deficiency anemia and dietary requirement. [5]

4. **A Four year old child admitted in Pediatric Ward and diagnosed as Acute Glomerular Nephritis :**

- (a) Write the pathophysiology of Acute Glomerular Nephritis. [5]
(b) Write any four important nursing diagnosis using nursing process method for a Child with Glomerular Nephritis. [5]

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

- (a) Causes of Rheumatic Heart Disease
(b) Prevention of Communicable Disease in Children
(c) Importance of Child Rights
(d) Essential Newborn Care
(e) Cleft Lip
(f) Role of a Child Health Nurse in Caring for a Hospitalized Child
(g) Kangaroo Mother Care (KMC)
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QP Code: BNN303

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

BF/2021/11

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 Catatonic Schizophrenia. [2]
(b) Explain the etiology, sign and symptoms of Schizophrenia. [6]
(c) Explain the medical and nursing management of a patient with Schizophrenia. [7]

OR

- (ii) (a) Discuss Model of prevention in Psychiatry. [3]
(b) Discuss nursing intervention in Primary prevention of mental illness within the community. [6]
(c) Discuss the features of the National Mental Health Programme. [6]
2. (a) Define Phobia. [3]
(b) Explain the causes and types of Phobia. [6]
(c) Write a nursing care plan for a Phobic patient. [6]
3. (a) Discuss the factors affecting Personality development. [4]
(b) Enlist various types of Psychosocial therapies used in treatment of Mental disorders. [6]
4. (a) Describe the psychodynamics of Obsessive- Compulsive Disorder. [5]
(b) Discuss the nursing interventions of a patient admitted with OCD. [5]
5. **Write Short Notes on any FIVE of the following :-** [5x5=25]
(a) Admission Procedure of a Mentally Ill Patient
(b) Bulimia Nervosa
(c) Grief Reaction
(d) Process Recording
(e) Technique to Build Communication Skills
(f) Yoga in Mental Health
(g) Autism
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B.Sc.(N) [3rd Year]

BF/2021/11

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 Research problem. [2]
(b) Discuss the points you will keep in mind during Identification of problem. [3]
(c) List the criteria for Good research problem. [5]
2. (a) Define Nursing Research. [2]
(b) Explain the need for Nursing Research. [3]
(c) Describe the steps of Research process. [10]
3. (a) Define Population and Sample. [2]
(b) Differentiate between Probability and Non probability Sampling. [3]
(c) Describe any one type of Non probability sampling technique with examples. [5]
4. **Write Short Notes on any THREE of the following :** [3x5=15]
(a) Dependent and Independent Variables
(b) Hypothesis
(c) Sources of Literature Review
(d) Primary and Secondary Sources of Data
(e) Research Objectives

SECTION-B

[25 Marks]

(Statistics)

5. Write short note on any THREE of the following : [3x5=15]
(a) Meaning and Use of Statistics
(b) Co-efficient of Correlation
(c) Tabulation
(d) Graphic Presentation
6. (a) Calculate the mean and standard deviation for the following data : [2+3+5=10]
12, 8, 12, 16, 18, 12, 22, 24, 24
(b) Draw a frequency polygon.

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

BF/2021/10

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 Pregnancy induced hypertension (PIH). [2]
(b) List the signs and symptoms of PIH. [5]
(c) Describe the nursing management of 34 years old multigravida Mother diagnosed with PIH. [8]

OR

- (ii) (a) Define Postpartum haemorrhage (PPH). [2]
(b) List down the signs and symptoms of PPH. [5]
(c) Explain nursing management of a Mother with true PPH. [8]
2. (a) Classify Anaemia according to severity. [2]
(b) Enlist the maternal and foetal effects of Anaemia. [7]
(c) How as a midwife will you prevent Iron deficiency anaemia in pregnancy. [6]
3. **Describe briefly about following :**
(a) List three signs of Cord presentation. [3]
(b) List three signs of Hyperemesis gravidarum. [3]
(c) List four signs of Eclampsia. [4]
4. **Mrs. Y, primigravida 26 year old, admitted in hospital with labour pains with full term Pregnancy.**
(a) Explain different stages of labour with average duration of each stage. [5]
(b) Discuss the physiology of third stage of labour. [5]
5. **Write Short Notes on any FIVE of the following:-** [5x5=25]
(a) Forceps delivery
(b) Premature rupture of membrane
(c) Types of abortion
(d) Temporary family planning methods
(e) Pain relief during labour
(f) MTP act
(g) Minor ailment of pregnancy
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QP Code: BNN402

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

BF/2021/10

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) Write organization and staffing pattern of Primary health centre and compare it with the Indian public health standards. [8]

(b) Describe selection, training and responsibilities of ASHA. [7]

OR

(ii) (a) Differentiate between Community diagnosis and Community participation [2]

(b) Describe Health survey and Planning committee. [5]

(c) Plan health education on prevention and management of epilepsy for Rural community. [8]

2. (a) Enlist objectives and new initiatives of National programme for prevention of Cardiovascular diseases, diabetes, cancer and stroke (NPPCDCS). [5+3= 8]

(b) Discuss role of community health nurse in National programme for prevention of Cardiovascular diseases, diabetes, cancer and stroke. [7]

3. (a) Discuss types of Camps. [5]

(b) Explain the steps of organizing camp on "Family Planning" in rural community. [5]

4. (a) Describe medical measures for prevention of Occupational diseases. [5]

(b) Write short note on ESI Act. [5]

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

a. ICDS

b. Woman and Child Abuse

c. Emergency Contraception

d. SDGs (Sustainable Development Goals)

e. National Voluntary Health Agencies

f. Old Age Homes

g. Food Adulteration

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

BF/2021/11

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 O.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) Outline the difference between rating scale and checklist. [5]
(b) Differentiate between probability and non probability sampling. [5]
2. (a) Explain directional and non directional hypothesis with example. [4]
(b) Construct three MCQs to assess the knowledge of nursing students regarding environmental hygiene. [6]
(c) What is the difference between operational definition and conceptual definition. [5]
3. Define any **FIVE** : [5x2=10]
(a) Cluster random sampling (b) Face validity (c) Test retest reliability
(d) Sample (e) Pilot study (f) Plagiarism
(g) Delimitation
4. Write Short Notes on any **THREE** of the following : [3x5=15]
(a) Cross sectional design (b) Characteristics of good problem statement
(c) Pretest post test design (d) Nominal data
(e) Advantages of questionnaire

SECTION-B
(Statistics)

[25 Marks]

5. Write short note on any **THREE** of the following : [3x5=15]
(a) Inferential statistics
(b) Level of significance
(c) Normal distribution
(d) Correlation coefficient
6. (a) Represent the following :data in the form of a bar graph/ histogram [5x2= 10]

Anxiety score	28	26	35	20	30
Age (years)	40	38	50	65	35

- (b) Calculate mean and mode of the weight (gms) of six new born babies at 38 weeks of gestation : 3500, 3500, 2562, 2300, 2683, 3100
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B.Sc.(N) [4th Year]

BF/2021/10

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

1. (i). (a) Define curriculum and write down components of curriculum in Nursing institute. [7]
(b) Elaborate steps in development of curriculum. [8]

OR

- (ii). (a) Write down INC norms and guidelines for Graduate program in Nursing educational institute. [8]
(b) Describe records and reports maintained in Nursing education institutes. [7]
2. (a) Discuss code of ethics in Nursing profession. [7]
(b) Explain laws related to nursing practice and describe legal issues in Nursing with examples. [8]
3. Discuss role of nurse manager in :
(a) Public relations [5]
(b) In- service educational program. [5]
4. (a) Write down importance of communication and interpersonal relationship in management. [5]
(b) Explain role of Nurse Incharge in inventory control. [5]

5. **Write Short Notes on any FIVE of the following :** [5x5=25]
(a) Principles of Record Writing
(b) Quality Control
(c) Nursing Assignments
(d) Nursing Rounds
(e) Importance of Discipline in Nursing
(f) Leadership Styles
(g) Disaster Management
