

# B.Sc.(N) [1<sup>st</sup> Year]

BF/2020/11

## 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 Ciliated columnar epithelium tissue. [2]  
(b) Discuss the general structure of Vertebral column. [4]  
(c) Describe structure of the Cerebellum. [4]

**OR**

- (ii) (a) Draw a labelled diagram of the Smooth muscle fibres. [2]  
(b) Discuss the Shoulder joint. [4]  
(c) Describe the structure of the Ear. [4]
2. (a) Draw a labeled diagram of a Vein. [2]  
(b) Discuss the Circulation of blood to the Head and Neck. [4]  
(c) Describe the structure of the Pleural cavity. [4]
3. **Describe in brief any TWO of the following :** [2½x2=5]  
(a) Draw a labelled diagram of the Oesophagus  
(b) Discuss the structure of the Urinary bladder  
(c) Describe the structure of the Ovaries
4. **Write Short Notes on any FOUR of the following :** [3x4=12]  
(a) Bone formation (b) Sympathetic nerve system  
(c) Lymphatic vessels (d) Parathyroid gland  
(e) Pancreas (f) Membranes

### SECTION-B

[38 Marks]

**QP Code: BNN102 [PHYSIOLOGY]**

1. (i) (a) Describe the functions of Dense connective tissue. [2]  
(b) Discuss the movements possible at Ball and Socket Joints. [4]  
(c) Enlist the muscles of the Hip and Lower Limb. [4]

**OR**

- (ii) (a) Enlist the functions of the Medulla oblongata. [2]  
(b) Discuss the circulation of blood to the Head. [4]  
(c) Identify the functions of the Pharynx. [4]
2. (a) Explain the role of Tongue in digestion. [2]  
(b) Discuss regulation of Body temperature. [4]  
(c) Describe the functions of Eye. [4]
3. **Describe in brief any TWO of the following :** [3x2=6]  
(a) Explain the functions of Pineal Body  
(b) Discuss the Female sexual cycle  
(c) Describe the functions of T- cells and B cells
4. **Write Short Notes on any FOUR of the following :** [3x4=12]  
(a) Factors influencing Blood pressure  
(b) Spermatogenesis  
(c) Reflex action  
(d) Functions of liver  
(e) Physiology of muscle contraction  
(f) Antigen

# B.Sc.(N) [1<sup>st</sup> Year]

BF/2020/11

## 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) What is Scurvy. [2]  
(b) Dietary source of various types of vitamins [4]  
(c) Affect of dehydration [4]
2. (a) Water intoxication [2]  
(b) Water regulation in Human body [4]  
(c) Prevention of Food Adulteration Act (PFA) [4]
3. (a) Define One kilo calorie. [2]  
(b) Diet menu of antenatal mother [4]  
(c) Central food technology and research institute [4]
4. **Write Short Notes on any THREE of the following :** [3x5=15]  
(a) Source of protein (b) Body building foods  
(c) Protective foods (d) Role of nurse in prevention in anemia  
(e) Vitamin E

### SECTION-B

[30 Marks]

**QP Code: BNN104**

[BIOCHEMISTRY]

1. (i) (a) Explain the classification of Lipids with suitable examples. [5]  
(b) Discuss the steps of the Hexose Monophosphate (HMP) Shunt pathways. What is its significance? [5]
  - OR**
  - (ii) (a) Describe briefly about Enzyme kinetics and factors affecting the enzyme activity. [5]  
(b) Write about the Urea cycle and its regulation. [5]
  2. Give the structure and classification of Immunoglobulins. [5]
  3. **Write Short Notes on any FIVE of the following :** [3x5=15]  
(a) Active transport mechanism (b) Chromatography  
(c) Prostaglandins (d) Structure and function of Mitochondria of Cell  
(e) Lens protein (f) Protein targeting  
(g) Disaccharides
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**B.Sc.(N) [1<sup>st</sup> Year]**

BF/2020/11

**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) "Nursing is a Profession" Justify the statement. [5]
  - (b) Levels of Disease prevention. [5]
  - (c) Types of Health Care agencies. [5]

**OR**

- (ii) Explain the following:
- (a) Qualities of a Nurse. [5]
  - (b) Impact of illness on Patient and Family [5]
  - (c) Barriers of effective communication [5]

2. **Mrs. Manita 47 year's old female is admitted in Medical Ward with diagnosis of Hepatic Coma. She is in an unconscious state. Explain the general principle to be kept in mind while doing the following for Mrs. Manita :**

- (a) Nasogastric feeding [5]
- (b) Oxygen administration [5]
- (c) Blood transfusion [5]

3. **Mr. Vivek met with Road Traffic Accident and is hospitalized in an unconscious state. Answer under following heading :**

- (a) Describe Admission procedure with special consideration on Medico-legal issues. [5]
- (b) Nurses responsibilities when patient having Hyperthermia. [5]

4. **Describe briefly :**

- (a) Guidelines for Quality documentation [5]
- (b) Bio Medical waste management [5]

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

- (a) Assessment as a Component of Nursing process
  - (b) Hazards of Immobility
  - (c) Methods of Physical examination
  - (d) Pain Management
  - (e) First aid in Dog bite
  - (f) Factors influencing effective Communication
  - (g) Principles for Safe medication administration
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**B.Sc.(N) [1<sup>st</sup> Year]**

BF/2020/11

**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) Define Psychology. [3]  
(b) Explain scope of Psychology. [5]  
(c) Discuss importance of Psychology in Nursing. [7]

**OR**

- (ii) (a) Define Perception. [3]  
(b) Explain factors affecting Perception. [5]  
(c) Discuss errors of Perception. [7]

2. (a) Define Motivation. [3]  
(b) Discuss types of Motivation. [5]  
(c) Explain about Conflict resolution methods. [7]

3. (a) Describe any Theory of Intelligence. [5]  
(b) Discuss promotive and preventive mental health strategies. [5]

4. (a) Define Personality. [2]  
(b) Discuss types of Personality. [4]  
(c) Discuss about psychosexual development theory of Personality. [4]

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

- (a) Introspection  
(b) Types of memory  
(c) Psychometric assessments  
(d) Warning signs of poor mental health  
(e) Personal and social adjustments  
(f) Characteristics of mentally healthy person  
(g) Ego defence mechanisms
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**B.Sc.(N) [1<sup>st</sup> Year]**

BF/2020/11

**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) Make labeled diagram of a Bacterium. [3]  
(b) Name three (each) examples of the Gram-positive and Gram-negative Bacteria. [5]  
(c) Short note on the Bacterial cell- wall. [7]

**OR**

- (ii) (a) Define Immunity. [4]  
(b) Classify Immunity. [5]  
(c) Describe briefly about Acquired immunity. [6]

2. **Write in brief:**

- (a) Hot air oven [5]  
(b) Enriched media [5]  
(c) Staphylococcus [5]

3. **Write in brief :**

- (a) Ascariasis [5]  
(b) Laboratory diagnosis of Kalaazar [5]

4. **Write in brief:**

- (a) Hepatitis virus [5]  
(b) COVID- 19 [5]

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

[5x5=25]

- (a) Robert Koch  
(b) ELISA  
(c) Bacillary dysentery  
(d) Tinea infection  
(e) Cryptococcus  
(f) Collection of blood Sample  
(g) OPV
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**B.Sc.(N) [1<sup>st</sup> Year]**

BF/2020/11

**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) India and the world (b) Beauty and brains  
(c) My ambition in life (d) Importance of Family

2. Your brother is worried about employment after completing studies. Write a letter offering some advice and sympathy to express your support. [10]

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

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

Technology, specifically computer technology, is more pervasive than ever before. As such, it has dramatically changed the face of education in the 21st century and will continue to do so. The internet, as well as being a repository of content on every subject imaginable, is a network of people wanting to connect and communicate. Inspired by the rapid development of technology from the 1980s, computer has now become an influential component of second language learning pedagogy. Educators recognize that the utilizing computer technology and its attached language learning programs can be convenient to create both independent and collaborative learning environments and provide students with language experiences as they move through the various stages of second language acquisition.

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

- (a) Write with ink.  
(b) We have been living here since a long time.  
(c) Both his brother in laws have reached home.  
(d) She is the most tallest girl in her school.  
(e) The thief had ran away on seeing us.

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

- (a) He ran \_\_\_\_\_ from the scene.  
(b) Why are you putting this book \_\_\_\_\_ that bag?  
(c) The mouse is \_\_\_\_\_ the chair.  
(d) Write \_\_\_\_\_ pencil.  
(e) Are you a member \_\_\_\_\_ this club?

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

- (a) Not able to breathe (b) Urge to vomit (c) Trembling at great speed  
(d) With very low temperature (e) Uttering nonsense while seeing things that don't exist

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

- (a) Rough (b) Broad (c) Awake (d) Decrease (e) Numbered

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

- (a) By hook or crook (b) As the crow flies (c) Missed by a whisker  
(d) By the skin of one's teeth (e) Through thick and thin

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

- (a) Hair (b) Cow (c) Mouse (d) Pill (e) Pile & wound

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**B.Sc.(N) [2<sup>nd</sup> Year]**

BF/2020/11

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

**OR**

- (ii). (a) Define Society. [2]  
(b) Explain the role of Nurse in Indian Society. [5]  
(c) Describe Hereditary and Environment. [8]
2. (a) Define Culture. [2]  
(b) Discuss the influence of culture on Personality. [6]  
(c) Discuss the Socio-cultural constraints and barriers in promoting health status of the people in the Society. [7]
3. (a) Define Social institution and list down its types. [3]  
(b) Write down the advantages and disadvantages of nuclear and joint Family. [7]
4. (a) List down and explain the problems of Indian urban slums. [3]  
(b) Define Juvenile delinquency and explain its causes. [7]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]  
(a) Social groups  
(b) Population  
(c) Diversity and uniformity of culture  
(d) Poverty  
(e) Social institutions  
(f) Functions of competition  
(g) Child labour
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**B.Sc.(N) [2<sup>nd</sup> Year]**

BF/2020/11

**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) Define Pulmonary tuberculosis (TB). [2]  
(b) Discuss the management regime of TB as per current RNTCP guidelines. [8]  
(c) Discuss the role of nurse in management of TB. [5]

**OR**

- (ii) (a) Define Atherosclerosis. [2]  
(b) Discuss the pathophysiology along with clinical manifestations of Atherosclerosis. [8]  
(c) Discuss Cardiac rehabilitation. [5]
2. (a) Enumerate the etiological factors of Osteoarthritis. [5]  
(b) Discuss the clinical manifestations along with underlying pathophysiology of Osteoarthritis. [6]  
(c) Write discharge teaching for a patient undergone TKR. [4]
3. (a) Discuss the risk factors of Type 2 Diabetes Mellitus? [4]  
(b) Discuss the complications of Type 2 Diabetes Mellitus. [6]
4. (a) Discuss the pathophysiology of Acute Renal Failure. [5]  
(b) Discuss the post-operative management for the first 48 hours of a patient undergone Renal Transplant. [5]
5. **Write Short Notes on any FIVE of the followings :** [5x5=25]  
(a) Hypospadias  
(b) Eczema  
(c) Age related health problems  
(d) Hypokalemia  
(e) Assessment of abdomen  
(f) GI bleed  
(g) Organ donation
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# B.Sc.(N) [2<sup>nd</sup> Year]

BF/2020/11

## 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 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) Difference between Bronchodilators and Broncho constrictors. [4]  
(b) Name the drugs used in De-addiction. [3]  
(c) Role of Nurse in administering De-addiction drugs. [3]

### **OR**

- (ii) (a) Write the different types of Antiseptic solution. [4]  
(b) Classification of Antiarrhythmics drugs. [3]  
(c) Role of Nurse in administering Antiarrhythmics drugs. [3]
2. (a) Side effects of Oral contraceptives drugs. [4]  
(b) Explain the pharmacology of Opioids. [3]  
(c) Role of Nurse in administering Opioids. [3]
3. **Write short notes on any SIX of the following :** [6x3=18]  
(a) Write names of Hypolipidemics  
(b) Side effect of Antihistamines drug  
(c) Drug used in Emergency  
(d) Indication of Adrenergics drug  
(e) Toxicity of Alkalanizers drug  
(f) Action of Vasodilator drug  
(g) Role of Nurse in Administering Anticoagulants  
(h) Role of Nurse in Administering Antiviral drug

### SECTION-B

[37 Marks]

**QP Code: BNN204**

**[PATHOLOGY]**

1. **Discuss briefly :**

- (a) Carcinoma in Situ [4]  
(b) Lab diagnosis of Myocardial infarction [3]  
(c) Granulomatous diseases [3]
2. **Write Explanatory Notes on any FIVE of the following :** [5x3=15]  
(a) Morphology of colorectal carcinoma (b) Tubercular meningitis  
(c) Hepatocellular carcinoma (d) Etiopathogenesis of carcinoma cervix  
(e) Wilm's tumor (f) Bronchopneumonia  
(g) Chronic cholecystitis

### [GENETICS]

[12 Marks]

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

[4x3=12]

- (a) Sex linked inheritance (b) Genetic counselling  
(c) Autosomal recessive inheritance (d) Klinefelter syndrome  
(e) Prenatal diagnosis of neural tube defects (f) Causes of male infertility
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**B.Sc.(N) [2<sup>nd</sup> Year]**

BF/2020/11

**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) Discuss the dynamics of disease transmission. [5]  
(b) Explain the epidemiology of Tuberculosis. [5]  
(c) Describe the role of community health Nurse in prevention and management of Tuberculosis in her assigned community. [5]

**OR**

- (ii) (a) Explain the Impact of water pollution on health of community. [5]  
(b) Enumerate Water borne infections. [3]  
(c) Describe role of community health nurse in prevention and control of Water borne diseases in an urban community. [7]
2. (a) Define Population explosion and discuss its impact on social and economic development of a Country. [7]  
(b) Describe the role of community health nurse in promotion of Small family norms in a rural community. [8]
3. (a) Explain the Impact of life style practices in determining health of an individual. [5]  
(b) Discuss how a community health nurse can help the adult population on her assigned community to adopt healthy life style by giving suitable examples [5]
4. (a) Define demography and discuss its concepts and scope. [5]  
(b) Write different methods of collection, analysis and interpretation of demographic data. [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]  
(a) Marriage system  
(b) Infant mortality rate  
(c) Zoonotic diseases  
(d) Levels of prevention  
(e) Food poisoning  
(f) Natural birth control methods  
(g) Obesity
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**B.Sc.(N) [2<sup>nd</sup> Year]**

BF/2020/11

**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 and purpose of Lesson Planning. [8]  
(b) Prepare an Outline of a Lesson Plan. [7]
- OR**
- (ii) (a) Briefly explain the characteristics of Learning. [10]  
(b) Prescribe the three Principles of Teaching. [5]
2. (a) Enumerate the Clinical teaching methods. [8]  
(b) Briefly discuss any one of the Clinical teaching methods. [7]
3. Describe the purpose and criteria of Internal Assessment. [5+5= 10]
4. **Explain the meaning of :**
- (a) Guidance and counselling. [5]  
(b) Role of counsellor in nursing education. [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
- (a) Techniques of effective communication  
(b) Group dynamics  
(c) Interpersonal relations in nursing  
(d) Projected aids  
(e) Importance of health education  
(f) Symposium  
(g) Use of charts in classroom
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**QP Code: BNN302**

**B.Sc.(N) [3<sup>rd</sup> Year]**

BF/2020/11

**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) Differentiate between an Adult and Child. [5]  
(b) Explain agencies related to Welfare services to the Children. [5]  
(c) Describe the impact of hospitalization on the Child and Family. [5]

**OR**

- (ii). (a) Define Low birth weight baby. [2]  
(b) Describe nursing management of Low birth weight baby. [8]  
(c) Explain Kangaroo mother care. [5]
2. (a) Define Nephrotic syndrome. [2]  
(b) Enlist signs and symptoms of Nephrotic syndrome. [3]  
(c) Discuss pathophysiology of Nephrotic syndrome. [5]  
(d) Explain nursing management of Child with Nephrotic syndrome. [5]

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

- (a) Juvenile diabetes mellitus [5]  
(b) Anemias [5]

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

- (a) Spina- bifida [5]  
(b) Cleft lip and palate [5]

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

- (a) Poisoning  
(b) Weaning  
(c) Dehydration  
(d) Exclusive breast feeding  
(e) Baby friendly hospital concept  
(f) Neonatal resuscitation  
(g) Factors affecting growth and development
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**QP Code: BNN301**

**B.Sc.(N) [3<sup>rd</sup> Year]**

BF/2020/11

**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) Mrs. Rajni 50 years female has been diagnosed with Uterine displacement.**

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

**OR**

**(ii) Mr. Kumar admitted in ICU is diagnosed with Meningitis.**

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

**2. Mr. Ramesh 40 years diagnosed with Cerebro Vascular Accident (CVA).**

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

**3. Discuss the role of nurse in the following :**

- (a) Rehabilitation [5]  
(b) Radiotherapy [5]

**4. Mr. Ashok 65 years diagnosed with Cataract.**

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

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

[5x5=25]

- (a) Pharyngitis  
(b) Retinal detachment  
(c) Seizures  
(d) Abortion  
(e) Hospice care  
(f) Poisoning  
(g) Cardiac pulmonary resuscitation
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**QP Code: BNN303**

**B.Sc.(N) [3<sup>rd</sup> Year]**

BF/20202/11

**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) **Ms. Sonia, 24 year old female admitted in the Psychiatric ward, She is diagnosed with Severe depression. Answer the following questions.**

(a) Define Depression and list down the sign & symptoms. [4]

(b) Discuss the treatment modalities for the Client. [4]

(c) Write down the nursing management of Ms. Sonia. [7]

**OR**

(ii) **Mr. Raju, 20 years is admitted with complaints of Washing his hands frequently, decreased communication and low self esteem.**

(a) Identify and define the illness he is suffering [2]

(b) Discuss the Treatment modalities for him. [5]

(c) Explain the nursing management for Mr. Raju (using nursing process). [8]

2. (a) Define Organic brain disorders. [2]

(b) Discuss the types of Organic brain disorders. [5]

(c) Describe the nursing management of an elderly client with Dementia. [8]

3. **Explain the different Psychotherapies used in the treatment of Mental disorders.** [10]

4. (a) List five Therapeutic communication techniques with example. [5]

(b) Briefly explain Disorders of thought. [5]

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

(a) Mental Health Act

(b) Nurse's role during ECT

(c) Conduct disorder

(d) Extra pyramidal symptoms and their management

(e) Types of crisis

(f) Mental health team

(g) Model of preventive psychiatry

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**B.Sc.(N) [3<sup>rd</sup> Year]**

BF/2020/11

**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 Describe steps of Sampling process. [5]  
 b. Discuss advantages and disadvantages of Non probability sampling. [5]
2. (a) Describe purposes and need of Nursing Research. [5]  
 (b) Discuss importance of Review of literature and Pilot study for conducting Nursing Research. [10]
3. (a) Explain importance of conducting Experimental Research. [5]  
 (b) Write one problem statement for Survey research and list the objective of the same research problem. [5]
4. **Write Short Notes on any THREE of the following :** [3x5=15]  
 (a) Assumptions (b) Delimitation  
 (c) Multi stage sampling (d) Interpretation of data  
 (e) Conceptual frame work (f) Independent and dependent variable

**SECTION-B**

**[25 Marks]**

**(Statistics)**

5. Write short note on any **Three** of the following : [3x5=15]  
 (a) Descriptive statistics  
 (b) Measures of variability  
 (c) Health statistics  
 (d) Correlation
6. Present the following data by drawing frequency polygon, histogram, cumulative frequency graph  
 Test score of 50 students [6]

Class Interval	100-104	95-99	90-94	85-89	80-84	75-79	70-74	65-69	60-64	55-59	50-54	45-49	40-44
Frequency	0	1	2	4	5	8	10	6	4	4	3	2	1

7. Calculate mean and median for the following data for weight of 7 girls : [4]  
 48, 38, 37, 36, 41, 43, 47
-

**B.Sc.(N) [4<sup>th</sup> Year]**

BF/2020/10

**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 Antepartum Hemorrhage (APH). [2]  
(b) List down causes of APH. [3]  
(c) Explain Nursing intervention for Mother came in hospital with bleeding of placenta previa. [10]

**OR**

- (ii). (a) Define Infertility and its types. [2]  
(b) Discuss causes of Female infertility. [3]  
(c) Write nursing role in Advance investigations of infertility. [10]
2. (a) Define Cord prolapse. [1]  
(b) Discuss causes of Cord prolapse. [4]  
(c) Explain nursing intervention for the patient with Cord prolapsed. [10]
3. **Write Nursing Intervention for any TWO of the following :** [5x2= 10]  
(a) Primigravida Mother in active phase of 1<sup>st</sup> stage of labour  
(b) Premature New born baby under phototherapy  
(c) Tubectomy after 6 months of delivery
4. **Write Nursing measures for the following :**  
(a) Prevention of abnormalities in Purperium period [5]  
(b) Prevention of inversion of Uterus in 3<sup>rd</sup> stage of labour [5]
5. **Write Short Notes on any FIVE of the following:-** [5x5=25]  
(a) Obstructed labour  
(b) Medical induction of labour  
(c) Antenatal care  
(d) R.H. incompatibility  
(e) Partograph  
(f) Essential new born care  
(g) Oxytocin
-



**QP Code: BNN402**

**B.Sc.(N) [4<sup>th</sup> Year]**

BF/20202/10

**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 down organization of health system at District level. [7]  
(b) Describe Job description of Female health worker. [8]
- OR**
- (ii) (a) Describe principles of Community health nursing. [5]  
(b) Explain Panchayati raj. [5]  
(c) Enlist principles of Health education. [5]
2. (a) Enlist Major objectives of National Blindness Control Program. [4]  
(b) Explain "Vision 2020". [5]  
(c) Discuss role of Community health nurse prevention of blindness. [6]
3. (a) Enlist objectives of Family health services. [4]  
(b) What principles as a Community health nurse you will keep in mind during Home visits. [6]
4. (a) Discuss health problem (major) in India. [5]  
(b) Plan health education as community health nurse for adolescent on "Adolescent Health". [5]
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
- Vital Statistic
  - Central Govt. Health Scheme
  - Expanded Program for Immunization
  - Elderly Abuse
  - Diarrhea Control Program
  - Management Information System
  - Bhore Committe
-

**B.Sc.(N) [4<sup>th</sup> Year]**

BF/2020/10

**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 Describe sources of Review of literature. [5]  
b Discuss advantages of Review of literature during different phases of research study. [5]
2. (a) Describe criteria for selection of Research problem. [5]  
(b) Briefly discuss the steps of Research process. [10]
3. (a) Enlist advantages of conducting Survey research. [4]  
(b) Write statement of Problem for one experimental study. [3]  
(c) State the Research objectives for the same. [3]
4. Write Short Notes on any **THREE** of the following : [3x5=15]  
(a) Research Variables (b) Random Sampling  
(c) Interview Schedule (d) Pilot Study  
(e) Likert Scale (f) Rating Scale as method of Data Collection

**SECTION-B**

[25 Marks]

**(Statistics)**

5. Write short note on any **Three** of the following : [3x5=15]  
(a) Use of Statistics  
(b) Tabulation of Data  
(c) Measures of Central Tendency  
(d) Statistical Packages
6. Calculate the mean, median and mode for the following data of BMI for 10 Boys ? [6]  
BMI of 10 Boys- 23, 27, 30, 25, 30, 32, 30, 27, 26, 28
7. Draw a pie graph for mortality rate in community from data given below : [4]

Malaria	Diarrhoea	Tetanus	AIDS	Cancer	Respiratory disease
150 deaths	110 deaths	100 deaths	80 deaths	85 deaths	75 deaths

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**B.Sc.(N) [4<sup>th</sup> Year]**

BF/2020/10

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

1. (i). (a) Describe functions of Nursing management. [7]  
(b) Plan nursing staff requirement for 200 bedded General Hospital. [8]

**OR**

- (ii). (a) Explain principles of Material management. [7]  
(b) Describe role of Nurse manager in management of equipment and supplies [8]

2. (a) Explain importance of Staff development programmes for nursing personnel. [5]  
(b) Plan two days Orientation programme for Nurses newly joined to the Hospital. [10]

3. (a) Explain importance of Performance appraisal. [5]  
(b) Describe advantages of maintaining Effective interpersonal relationship. [5]

4. (a) Explain importance of Clinical experience for nursing students. [5]  
(b) Explain points to be kept in mind while planning clinical experience for nursing students. [5]

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

- (a) Operational plans  
(b) Nursing audits  
(c) Records and reports in nursing service units  
(d) Delegation  
(e) Standards of nursing practice  
(f) Role of nursing manager during disaster  
(g) Barriers of communication
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