

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

BF/2020/11

Nursing Foundation

[New Scheme-w.e.f. 2007 admission]

Time : 2 Hours

Max Marks : 35

- 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. **Explain briefly any Two of the following :** [2x3=6]
(a) Philosophy of Nursing
(b) Team Nursing
(c) Tools for Evaluation in Nursing Process
2. (a) Define Quality assurance [1+2+2 =5]
(b) Enlist types of Standards
(c) Importance of Code of ethics
3. **Answer any TWO of the following :-** [2x4=8]
(a) Expanded role of the Nurse
(b) Nurses role in meeting the needs of Old age group
(c) Problem oriented nursing
4. **Explain in brief any TWO of the following :-** [2x4=8]
(a) Trends in Nursing education
(b) Types of Nursing care plans
(c) Nursing audits
5. **Write Short Notes on any TWO of the following :** [2x4=8]
(a) Primary health care
(b) Holistic nursing
(c) Importance of Theories in nursing
-

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

BF/2020/11

Nutrition & Dietetics

[New Scheme-w.e.f. 2007 admission]

Time : 2 Hours

Max Marks : 35

- 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. **Define the following :** [1x5=5]
a. Malnutrition
b. Weaning
c. B.M.I
d. Diet Planning
e. ICDS
2. **Discuss the Dietary Management of any TWO of the following :** [3½x2=7]
a. Chronic renal failure
b. Diarrhea
c. Hypothyroidism
3. **Describe briefly any TWO of the following:** [3½x2=7]
a. Nutritional needs of Lactating Mother
b. Vitamin D
c. Balanced diet
4. **Explain any TWO of the following :** [3½x2=7]
a. Principles of Nutritional Education
b. Supplementary Feeding
c. Community Nutrition
5. **Write Short Notes on any THREE of the following :** [3x3=9]
a. High Protein Diet
b. Mid Day Meal Program
c. Food Hygiene
d. Substitution of Non- vegetarian diet
e. Nutritional problem of India
-

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

BF/2020/11

Biochemistry & Biophysics

[New Scheme-w.e.f. 2007 admission]

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: PBN103

(Biochemistry)

1. (i) (a) Define Enzymes. [2]
(b) Classify Enzymes with example. [3]
(c) Discuss various factors affecting Enzymes activity. [5]
- OR**
- (ii) (a) Explain Glycogenesis in detail. [5]
(b) Explain how Blood glucose is regulated. [5]
2. (a) Describe the classification of Amino acids with examples. [5]
(b) Differentiate between RNA and DNA. [5]
3. **Describe brief (Any TWO) :** [2x3=6]
(a) Discuss Water balance (b) Lysosomes
(c) Lipo protein (d) Glucose tolerance test
4. **Write Short Notes on any FOUR of the following :** [4x3=12]
(a) Hyperglycemia
(b) Serum Cholesterol
(c) Essential Amino acid
(d) Fatty Liver
(e) Function of Water
(f) Function of Albumin

SECTION-B

[37 marks]

QP Code: PBN104

(Biophysics)

1. (i) (a) Explain the term Force, Work and Energy and mention their units. [5]
(b) Explain the principles of Machine. [5]
- OR**
- (ii) (a) What is Normal audio frequency range of Human Ear ? [2]
(b) Explain the relation between frequency, velocity and wave length. [3]
(c) Write a note on Audiometry. [5]
2. (a) Regulation of body temperature and application of heat transfer in the Body. [4]
(b) Discuss advantages and disadvantages of Friction. [5]
3. **Describe briefly (Any TWO) :** [2x3=6]
(a) Clinical use of Radio- isotopes (b) Defects of Vision
(c) ECG & EMG (d) State Newton's Law of Motion
4. **Write Short Notes on any FOUR of the following :** [4x3=12]
(a) Noise Pollution (b) Traction
(c) Use of Ultrasound Waves (d) ECT
(e) CT- Scan (f) Principles of Gravity
-

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

BF/2020/11

Psychology

[New Scheme-w.e.f. 2007 admission]

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 Learning. [2]
(b) Explain the factors affecting Attention. [6]
(c) Describe the principles of Learning. [7]

OR

- (ii) (a) Define Attitude. [2]
(b) Discuss the factors affecting Attitude Formation. [7]
(c) Describe the process of Attitudinal Change. [6]
2. (a) Define Ego defence Mechanism. [2]
(b) Discuss psychological needs of an Elderly during illness. [5]
(c) Discuss various techniques of Conflict resolution. [8]
3. (a) Describe the principles of Perception. [5]
(b) Differentiate between Sensation and Perception. [5]
4. (a) Define Memory. [2]
(b) Explain different types of Memory and ways to improve memorization. [8]

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

- (a) Factors determining motivation
(b) Stress Adaption cycle
(c) Psychology of a Physically challenged person
(d) Characteristics of Mentally healthy person
(e) Relevance of studying Psychology in Nursing
(f) Theory of Classical conditioning
(g) Determinants of Attention
-

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

BF/2020/11

Microbiology

Time : 3 Hours

[New Scheme-w.e.f. 2007 admission]

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.*

1A. **Give one word answer for the following:** [1x10=10]

- i. Name a class of antibiotics acting at Ribosomal level _____.
- ii. Name one Capsulated yeast _____.
- iii. Tyndallization is done at a temperature of _____.
- iv. Gonorrhoea is caused by _____.
- v. Comma shaped Bacteria are _____.
- vi. Tse tse fly transmits _____.
- vii. Segmented viruses belong to _____ family.
- viii. Pork tapeworm is _____.
- ix. One of the Dimorphic fungus is _____.
- x. Bacteria growing at very high temperature are called _____.

1B. **Pick up the most appropriate answer :** [1x5=5]

- i. Which of the following is a spore bearer bacteria :
 (a) Salmonella typhi (b) Clostridium tetani (c) Escherichia coli (d) Streptococcus viridan:
- ii. Inspissation is done to sterilize which medium :
 (a) L J Medium (b) Blood agar (c) TCBS medium (d) SDA medium
- iii. Japanese Encephalitis Virus is transmitted via which route :
 (a) Airborne route (b) Mosquito (c) Food borne (d) Through skin
- iv. Mantoux test is a type of :
 (a) Type I hypersensitivity (b) Type II hypersensitivity (c) Type III hypersensitivity
 (d) Type IV hypersensitivity
- v. Whipworm is :
 (a) Ascaris lumbricoides (b) Taenia solium (c) Enterobius vermicularis
 (d) Trichuris trichiura

2. **Describe Briefly :** [5x3=15]

- (a) Falciparum malaria
- (b) Staphylococcal infections
- (c) Liquid culture media

3. Describe in detail hospital acquired infections and their preventive measures. [10]

4. **Write note on :**

- (a) Dermatophytes [5]
- (b) Diagnosis of viral infections [5]

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

- (a) Syphilis
 - (b) Widal test
 - (c) Morphological characteristics of Bacteria
 - (d) Laboratory diagnosis of Pulmonary Tuberculosis
 - (e) Gas Gangrene
 - (f) Acquired Immunity
 - (g) Vector borne infections
-

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

BF/2020/11

Maternal Nursing

[New Scheme-w.e.f. 2007 admission]

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 Pre eclampsia. [2]
(b) What are the causes of Pre eclampsia. [5]
(c) Write the management of a mother having Pre- eclampsia during pregnancy and labour. [8]

OR

- (ii) (a) Define Infertility. [2]
(b) What are the causes of Infertility in male and female. [5]
(c) Explain management of Infertility. [8]

2. **Write Nursing management of following condition :**

- (a) 2nd stage labour [5]
(b) Antipartum haemorrhage [5]
(c) Gestational diabetes [5]
3. (a) What are indications of Caesarian section. [4]
(b) Explain drugs used for indication of labour. [6]
4. (a) Write characteristics of Normal newborn. [5]
(b) Explain the needs of Normal newborn. [5]

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

- (a) Baby friendly hospital
(b) APGAR Score
(c) IMNCI
(d) National family welfare programme
(e) Problems associated with unwanted pregnancy
(f) Fetal skull
(g) Episiotomy
-

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

BF/2020/11

Child Health Nursing

[New Scheme-w.e.f. 2007 admission]

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) **Baby Radha, a one month old boy is admitted in Pediatric Surgical Ward with Meningiomyelocele.**

- (a) Define Meningiomyelocele. Compare two types of Spina bifida. [5]
(b) List the risk factors and preventive measures of Neural tube defects. [5]
(c) Discuss the pre op and post op nursing care for this Child. [5]

OR

(ii) **Baby Raju, aged 2 years, is diagnosed to have Congestive Heart Failure:**

- (a) Compare the symptoms of right and left sided heart failure. [5]
(b) Discuss the causes and medical management of CHF. [5]
(c) Describe the nursing interventions for Baby Raju. [5]
2. (a) Define Pyloric Stenosis. [3]
(b) List the main symptoms and pathophysiology in this defect. [5]
(c) Name the surgery done in this condition. What is the nursing management for this disorder ? [7]
3. **Write the nursing management of any TWO conditions:** [5x2=10]
(a) Asthma
(b) Cystic Fibrosis
(c) Nephrotic Syndrome
4. **Differentiate between any TWO :-** [5x2=10]
(a) Hypothermia and Hyperthermia
(b) Enuresis and Encopresis
(c) Omphalocele and Gastroschisis
5. **Write Short Notes on any FIVE of the following :** [5x5=25]
(a) Essential Newborn Care
(b) Phototherapy
(c) Denver Developmental Screening Test (DDST)
(d) Stressors of Hospitalized Child
(e) Juvenile Delinquency
(f) Kangaroo Mother Care
(g) Advantages of Play for Child
-

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

BF/2020/11

Medical Surgical Nursing

[New Scheme-w.e.f. 2007 admission]

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) List the causes of Cardiogenic Shock. [3]
(b) List the clinical manifestations in Cardiogenic Shock. [4]
(c) Explain the medical and nursing management of Cardiogenic Shock. [8]
- OR**
- (ii) (a) Explain the causes of Unconsciousness. [3]
(b) Explain Glassgow Coma Scale and its use in caring patients. [4]
(c) Describe the nursing management of an unconscious patient using Nursing process. [8]
2. (a) Explain Epilepsy and its types. [5]
(b) Write the assessment required by the nurse during Epileptic attack. [6]
(c) Explain the complications that can occur due to Epilepsy. [4]
3. (a) Write the nursing management of patient having Chest drainage. [5]
(b) Write the management of patient having 80% Burns. [5]
4. (a) Differentiate between Incontinence and Retention. [5]
(b) Explain Malabsorption syndrome. [5]
5. **Write Short Note on any FIVE of the following:** [5x5=25]
(a) Portal Hypertension
(b) Cardiac Tamponade
(c) Cardiac Arrest
(d) Colloids
(e) Chronic Illness
(f) Tonsillitis
(g) Blood Transfusion
-

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

BF/2020/11

English

Time : 3 Hours

[New Scheme-w.e.f. 2007 admission]

Max Marks : 75

Note: 1.) *Attempt all questions.*

2.) ***NO SUPPLEMENTARY SHEET SHALL BE ALLOWED /PROVIDED.***

3.) ***The Student must write Q.P. Code in the space provided on the Title Page of the Answer Book.***

1. Write an Essay on any (ONE) of the following in about (450) words: [15]

- (i) Life is worth living (ii) Essentials of character
(iii) The face is an index to the mind (iv) Indian art

2. You are Vinita of D-432, Preet Vihar. Sometimes you have to travel by the local bus. You find the male passengers smoking in running buses. Write a letter to the editor of newspaper about the evils of smoking. [10]

OR

Write a letter to the hospital authorities for proper arrangement for clean drinking water for the people and requesting to install water coolers with water purifiers.

3. Write a paragraph in about (100) words on any (ONE) of the following topics: [10]

- (a) Pleasures of reading (b) A bowl of fruit
(c) Don't litter (d) Adult education

4. **Do as directed:**

A. **Change the voice :** [5]

- (i) We admire the brave (ii) Tom is building a house
(iii) We did not grow rice (iv) She manages the house
(v) He will fly a kite

B. **Fill in the blanks with correct Prepositions:** [5]

- (i) I am sitting _____ a tree. (ii) He is _____ holiday.
(iii) She was born _____ 1980. (iv) Don't jump _____ the table.
(v) The fish are _____ the surface.

C. **Change the Narration :** [5]

- (i) He said, "I want to study."
(ii) She said, "I am doing my work."
(iii) She said, "John works in a factory."
(iv) Ram said, "Fish swim in water."
(v) He said, "Post this letter."

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

- (i) She is five foot tall.
(ii) He is a tall gentleman.
(iii) He is a joker.
(iv) This is my house's back.
(v) Diamonds cut diamonds.

5. Express your views on: [10]

Care of a Premature baby **OR** Future of a Nurse

6. Read the following passage carefully and answer the questions that follow : [10]

Habit of idleness once firmly fixed cannot be suddenly thrown off. The man who has wasted the precious hours of life's seed-time finds that he cannot really harvest in life's autumn. Lost wealth may be replaced by industry, lost knowledge by study, lost health by temperance or medicine, but lost time is gone forever. In the long list of excuses for the neglect of duty, there is none which drops oftener from men's lips and which is founded more on self-delusion than the want of leisure. People are always cheating themselves with the idea that they would do this or that desirable thing if only they had time. It is thus that the lazy and the selfish excuse themselves from the thousands of things which conscience dictates to be done. Remember that the men who have done the most of their own are not the wealthy and leisurely people who have abundance of time and nothing to do:

- (i) What is peculiar about the habit of idleness?
(ii) What is the difference between lost time and lost health or wealth?
(iii) What is life's seed time and what is life's autumn?

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

BF/2020/10

Sociology

[New Scheme-w.e.f. 2007 admission]

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 Sociology. [2]
(b) Explain relationship of Anthropology and Sociology. [5]
(c) Describe importance of study of Sociology in Nursing. [8]

OR

- (ii) (a) Define Society. [2]
(b) Describe the characteristics of Society. [5]
(c) Explain the relationship between Individual and Society. [8]

2. (a) Define Social organization. [2]
(b) Describe the features of Social groups. [6]
(c) Describe the difference between Crowd and Public group. [7]

3. (a) Define Family. [3]
(b) Describe the importance of Family. [7]

4. (a) Define Poverty. [3]
(b) Describe the effect of Poverty on Health. [7]

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

- (a) Social groups
(b) Co-operation
(c) Social change
(d) Accommodation
(e) Process of Social Interaction
(f) Substance abuse
(g) Child delinquency
-

QP Code: PBN202

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

BF/2020/10

Community Health Nursing

[New Scheme-w.e.f. 2007 admission]

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 concept of Community Health. [5]
(b) Describe the principles of Community Health. [5]
(c) Describe various elements of Community Health. [5]

OR

- (ii) (a) Define and explain the concept of Health Education. [7]
(b) Discuss aims and scope of Health Education. [8]

2. **Explain the role of the followings in relation to prevention and control diseases :-**

- (a) Individual [5]
(b) Family [5]
(c) Community [5]

3. (a) Discuss the Theories related to Epidemiology. [5]
(b) Explain various models related to Epidemiology. [5]

4. (a) Explain Key elements of Communication process. [5]
(b) Discuss health education approaches a Community Health Nurse utilizes for prevention of STD/RTI among Adolescent girls. [5]

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

- (a) Scope of Community Health Nursing
(b) Health Team Concept at State Level
(c) Role of International Health Agencies
(d) Methods for Organising Health Education Programmes
(e) Maintaining Records and Reports at Local Level
(f) Sources of Vital Statistics
(g) Problems of School Children in Rural Communities

QP Code: PBN203

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

BF/2020/10

Mental Health Nursing

[New Scheme-w.e.f. 2007 admission]

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 Mental Health Nursing. Briefly describe the role and qualities of mental health and psychiatric nurse. [3+5+7= 15]

OR

- (ii) (a) Explain the concept of normal and abnormal behaviour. [7¹/₂]
(b) Briefly describe the legal aspects of Psychiatric Nursing. [7¹/₂]
2. (a) Define Schizophrenia. [3]
(b) What are the sign and symptoms of Schizophrenia. [5]
(c) Prepare a nursing care plan for Catatonic Schizophrenia. [7]
3. Answer any **TWO**: [5+5= 10]
(a) Write down the difference between Mental health and Mental illness.
(b) Antimanic Drugs.
(c) Side effects of Antipsychotic Drugs.
4. Define Stress. Explain the stress related and somatoform disorders. Briefly describe the stress management. [2+3+5= 10]
5. **Write Short Notes on any FIVE of the following:** [5x5=25]
(a) Mental retardation
(b) Interview skills
(c) Process recording
(d) Mental Status Examination (MSE)
(e) Define Term dependence, intoxication and withdrawal
(f) Family Therapy
(g) Personality disorders
-

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

BF/2020/10

Introduction to Nursing Education

[New Scheme-w.e.f. 2007 admission]

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 individual and social aims of Education. [10]
(b) Explain role of pragmatism philosophy in Nursing Education. [5]

OR

- (ii) (a) Discuss various techniques of Counseling. [8]
(b) Write short notes on Management of Crisis. [7]
2. (a) Enlist advantages of Lesson Plan. [5]
(b) Prepare a lesson plan on nursing management of Hypertensive patient. [10]

3. (a) Differentiate between formative and summative Evaluation. [2]
(b) What criteria you will keep in mind while selecting Evaluation tools. [8]

4. (a) What are the characteristics of Good teaching aids. [5]
(b) Explain "graphs" as an Audio Visual aid. [5]

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

- (a) Lecture method
(b) Panel discussion
(c) Charts
(d) Sources of Audio visual aids
(e) Recording of Interaction process
(f) Check list
(g) Aims of inservice education
-

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

BF/2020/10

Introduction to Nursing Administration

[New Scheme-w.e.f. 2007 admission]

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 Material management. [2]
(b) Write about objectives and responsibilities of nursing personnel in Material management. [13]

OR

- (ii) (a) Define Staffing. [2]
(b) Write about the steps in Selection and Appointment process. [13]
2. (a) Define Therapeutic communication. [2]
(b) Describe Communication process. [8]
(c) Explain the role of nurse administrator in channelizing communication in the Hospital. [5]
3. (a) Explain various Leadership Skills. [5]
(b) Describe functions of Health Team. [5]
4. (a) What do you mean by Personnel policies. Explain in detail. [5]
(b) Describe Quality Control in detail in Nursing. [5]

5. **Write Short Notes on any FIVE of the followings :** [5x5=25]
- (a) Nursing audit
(b) Principles of Supervision
(c) Public relations
(d) Group dynamics
(e) Cost effectiveness
(f) Factors affecting in In-service education
(g) Duties and responsibilities of head nurse
-