



[Total No. of Pages : 2

First P.B.B.Sc. Nursing Examination, Summer - 2024 (Phase - II)
MICROBIOLOGY

Total Duration : 3 Hours

Total Marks : 75

- Instructions :**
- 1) Use **black ball point pen only**.
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 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full marks**.
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 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answer book for all sections.

Section - A (40 Marks)

- 1) **Short Answer Questions (any five out of six) :** **[5 × 5 = 25]**
- a) Tuberculin Test
 - b) Mutation
 - c) Koch's Postulates
 - d) Candida albicans
 - e) Gene Therapy
 - f) Bacterial growth curve

- 2) **Long Answer Questions (any one out of two)** [1 × 15 = 15]
- a) i) Draw a labelled diagram of the Structure of HIV. [4]
 ii) Discuss the Clinical Signs and Symptoms of HIV infection. [5]
 iii) Add a note on post exposure prophylaxis and other measures to be adopted following needle stick injury. [6]
- b) i) Define Sterilization and Disinfection [3]
 ii) Enumerate the various methods of sterilization [4]
 iii) Write Principle, function, uses and sterilization controls of hot air oven [8]

Section - B (35 Marks)

- 3) **Short answer question (any four out of five)** [4 × 5 = 20]
- a) Laboratory diagnosis of Pneumococcus
 b) Classify culture medias with example
 c) Properties of Antigen
 d) Biomedical waste management
 e) Write a short note on Nagler's Reaction
- 4) **Long answer question (any one out of two):** [1 × 15 = 15]
- a) Describe the morphology, cultural characteristic and pathogenesis of corynebacterium diptheriae, and add a note on prophylactic treatment.
 b) i) Define Nosocomial Infection [2]
 ii) Write sources of Nosocomial infection [4]
 iii) Enlist common Nosocomial infections [3]
 iv) Write about a role of nurse in prevention of Nosocomial infections [6]





[Total No. of Pages : 2

61303

**First Post Basic B. Sc (Nursing) Examination, Summer - 2024
Phase - II**

Biochemistry And BioPhysics

Total Duration : 3 Hours

Total Marks : 75

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 - 7) Use a common answer book for all sections.

SECTION - A

(Biochemistry)

- 1) **Short Answer Questions (any five out of six) :** **[5 × 5 = 25]**
- a) Glucose tolerance test
 - b) Explain the causes of hypokalemia
 - c) Describe the structure and function of mitochondria
 - d) Describe the structure and function of RNA
 - e) Describe glycogenolysis
 - f) Explain the digestion of protein

N - 1271

P.T.O.



- 2) **Long Answer Questions (Solve any two out of three)** [2 × 5 = 10]
- Write and account of the importance of serum enzymes in the ^{digestion} of disease and discuss the serum enzyme tested in M.I. ^{diagnosis}
 - Define and classify the carbohydrate with suitable example and discuss the function of carbohydrate
 - explain the detain urea cycle with as significance ancergetics
- 3) **Short Answer Questions (Solve any 2 Out of 3)** [2 × 5 = 10]
- Discuss Diabetic Ketoacidosis.
 - Discuss diagnostic significance of enzymes.
 - Describe sources, functions and deficiencies manifestation of folic acid and Vitamin B12.

SECTION - B

(Biophysics)

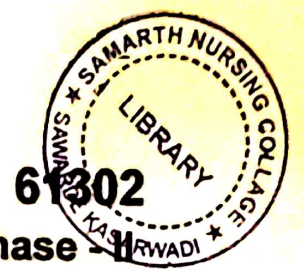
- 4) **Short Answer Questions (Solve any 4 Out of 5)** [4 × 5 = 20]
- Write the uses of radioactive isotopes in patient care
 - Define gravity and specific gravity what is the normal specific gravity of urine and what causes the variation in specific gravity of urine
 - Explain Biological effect of light and its therapeutic importance.
 - What is Lever . Write its classifications. Give example for each classification.
 - List the principles of good Body mechanics
- 5) **Long Answer Questions(Solve any 1 Out of 2)** [1 × 10 = 10]
- Name the methods of transfer of heat in human body. Give examples in relation to patient care. Explain about regulation of body temperature.

OR

- As a Nurse what steps you will take to prevent noise pollution in the hospital. Explain.



[Total No. of Pages : 2



First P.B. B.Sc. Nursing Examination, Summer - 2024 Phase - II
NUTRITION AND DIETETICS

Total Duration : 2 Hours

Total Marks : 35

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SECTION - A (25 Marks)

- 1) **Short Answer Questions (Solve any five out of six) :** [5 × 5 = 25]
- a) Describe the energy requirements of different categories of people and its affects.
 - b) Vitamin-k and it's deficiency manifestation
 - c) Integrated child development Scheme (ICDS)
 - d) Food adulteration
 - e) Explain in detail national nutritional programmes
 - f) Assessment of nutritional status in children

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P.T.O.



SECTION - B (10 Marks)

- 2) **Long Answer Question (Solve any one out of two)** [1 × 10 = 10]
- a) Discuss the concept of balanced diet and explain different types of diets used in hospital for various disease conditions.
- b) Define weaning discuss in detail about principals of weaning.



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61301

First P.B. B.Sc. Nursing Examination, Summer - 2024 Phase II
NURSING FOUNDATION



Total Duration : 2 Hours

Total Marks : 35

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 - 7) Use a common answer book for all sections.

SECTION - A (25 Marks)

1. Short Answer Questions (any five out of six) : [5 × 5 = 25]
- a) Central concepts in metaparadigm of nursing.
 - b) Nursing diagnosis and its types.
 - c) Levels of health care services.
 - d) TNAI
 - e) Progressive patient care.
 - f) Team Nursing

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P.T.O.



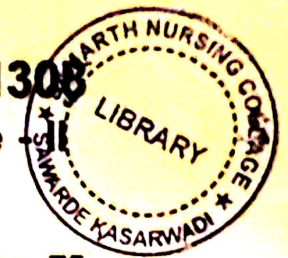
SECTION - B (10 Marks)

- 2. **Long Answer Question (any one out of two) :** **[1 × 10 = 10]**
- a) List and elaborate on needs and problems of pre adolescent and adolescent stage of individual.
- b) Explain the development of nursing education in India and discuss nursing as a profession in India.



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61308



FIRST P.B.B.Sc. Nursing Examination, Summer - 2024 Phase
MEDICAL AND SURGICAL NURSING

Total Duration : 3 Hours

Total Marks : 75

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 - 7) Use a common answer book for all sections.

SECTION - "A" (40 Marks)

1. **Short Answer Questions (Solve any five out of six) :** [5 × 5 = 25]
 - a) Bladder training for patient with hemiplegia.
 - b) TNM stages of cancer.
 - c) Infection control practices in ICU.
 - d) Renal calculi.
 - e) Fluid and Electrolyte imbalance.
 - f) Benign Prostatic Hypertrophy (BPH).

2. **Long Answer Question (Solve any one out of two) :** [1 × 15 = 15]
 - a)
 - i) Define Cerebro Vascular Accident (CVA)
 - ii) Discuss early warning signs of CVA.
 - iii) Explain medical and nursing management of CVA.
 - b)
 - i) Define Hepatitis.
 - ii) Describe pathophysiology of Hepatitis B.
 - iii) Discuss nursing management and health teaching plan for patient with Hepatitis B.

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SECTION - "B" (35 Marks)

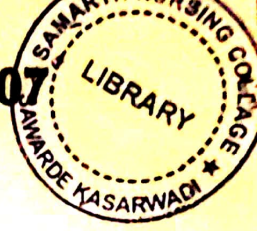
3. Short Answer Questions (Solve any four out of five) : [4 × 5 = 20]

- a) Nursing care of patient with traction.
- b) Nursing care of patient with diabetic foot.
- c) Nursing management of patient with burns.
- d) Cataract.
- e) Osteoporosis.

4. Long Answer Questions (Solve any one out of two) : [1 × 15 = 15]

- a)
 - i) Define Myocardial Infarction.
 - ii) Differentiate between Angina Pectoris and Myocardial Infarction.
 - iii) Write down the medical and nursing management of Myocardial Infarction.
- b)
 - i) Define Asthma.
 - ii) Describe causes and clinical manifestation of Asthma.
 - iii) Discuss Nursing management and health teaching plan for patient with Asthma.





First P.B.B.Sc. (Nursing) Examination, Summer - 2024
Phase - II
CHILD HEALTH NURSING

Total Duration : 3 Hours

Total Marks : 75

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 - 7) **Use a common answerbook for all sections.**

SECTION - A (40 Marks)

1. **Short answer questions (any five out of six) :** **[5 × 5 = 25]**
 - a) Baby Friendly Hospital Initiative (BFHI)
 - b) Neonatal Hypoglycemia
 - c) Pshycosexual stages of Development in children
 - d) Foreign body aspiration in children
 - e) Hypospadias
 - f) Cold Chain in vaccines

2. **Long answer question (any one out of two) :** **[1 × 15 = 15]**
 - a) Baby of Manju, 2days of life admitted in NICU with history of Cleft lip and palate. Answer the following:
 - i) Define Cleft Lip and Palate **[2]**
 - ii) Discuss preoperative management of Baby of Manju admitted in NICU. **[5]**
 - iii) Enlist post operative problems of the child. **[5]**
 - iv) What health education will you give to Manju regarding care of her baby. **[3]**

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- b) i) Define Meningitis
 ii) Enlist the clinical manifestations in meningitis.
 iii) Write the diagnostic evaluation specifically done in meningitis and explain nursing management of child with meningitis

SECTION - B (35 Marks)

3. Short answer questions (any four out of five) : [4 × 5 = 20]

- a) Behavioral disorders in toddlers and preschoolers.
 b) Pre and post operative care of child with Megacolon.
 c) Ballard Scoring used for assessing gestational age in preterm babies.
 d) Principles of Growth and Development.
 e) Kwashiorkar.

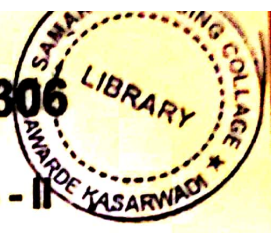
4. Long answer question (any one out of two) : [1 × 15 = 15]

- a) Bhumi, 6 years age child is brought to pediatric ward with history of convulsions at home.
 i) Define convulsions and write the classification of convulsions. [3]
 ii) Write the clinical manifestations seen in each type of convulsions, what diagnostic tests needs to be done in Shumi. [5]
 iii) Write in detail the nursing management of Bhumi. [7]
 b) Amit, 8 years child known case of Thalessemia, admitted for blood transfusion in pediatric ward.

Answer the following:

- i) Define Thalessemia, Write down the Classification of Thalessemia. [4]
 ii) Write in detail, how you as a nurse will carry out safe blood transfusion for Amit. [5]
 iii) Plan priority wise nursing care for Amit. [6]





First P.B.B.Sc. (Nursing) Examination, Summer - 2024 Phase - II
MATERNAL NURSING

Total Duration : 3 Hours

Total Marks : 75

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 - 7) **Use a common answerbook for all sections.**

SECTION - A (40 Marks)

1. Short Answer Questions (any five out of six) : [5 × 5 = 25]
 - a) Discuss injuries of maternal birth canal.
 - b) Explain the Signs and Symptoms of pregnancy during First and second trimester.
 - c) Management of cord prolapse.
 - d) Causes of maternal mortality.
 - e) Uterine fibroids.
 - f) Antenatal Clinic

2. Long Answer Questions (any one out of two) : [1 × 15 = 15]
 - a) Define the term placenta praevia. Describe the types of placenta praevia. Write the management of Placenta praevia. [3+5+7]
 - b) Define abortion. Briefly explain the types of abortion. Describe the management in case of Septic abortion. [3+5+7]

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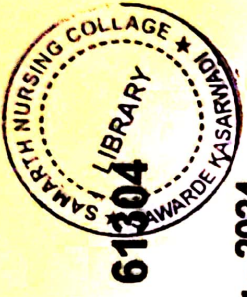
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SECTION - B (35 Marks)

3. Short Answer Question (Solve any four out of five) : [4 × 5 = 20]
- a) Explain etiology and diagnosis of foetal distress.
 - b) Causes of puerperal sepsis.
 - c) Discuss contracted pelvis.
 - d) Explain management of second stage of normal labour.
 - e) Antenatal Diet.
4. Long Answer Questions (any one out of two) : [1 × 15 = 15]
- a) Write meaning of ABO incompatibility. Enumerate complications of ABO incompatibility. Discuss the role of nurse in antenatal counseling in prevention of complications and preparation of safe confinement in such case. [2 + 5 + 8]
 - b) Define Oligohydramnios. Discuss its effect on the fetus. Brief the nursing management of Oligohydramnios during first stage of labor. [3 + 6 + 6]



Total No. of Pages : 2



First Post Basic B.Sc. (Nursing) Examination, Summer - 2024
Phase - II
PSYCHOLOGY

Total Duration : 3 Hours

Total Marks : 75

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SECTION - A (40 Marks)

1. **Short Answer Questions (Solve any 5 Out of 6) :-** [5 × 5 = 25]
 - a) Characteristics of a maladjusted individual. Discuss with appropriate example.
 - b) Measures to improve memory retention
 - c) Discuss behavioral changes due to illness
 - d) Describe basic principles of mental hygiene
 - e) Maslow's Hierarchy of needs
 - f) Types of conflicts

2. **Long Answer Questions(Solve any 1 Out of 2):-** [1 × 15 = 15]
 - a) Answer the following:
 - i) Define learning [2]
 - ii) Discuss laws of learning [5]

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- iii) Describe classical conditioning theory of learning [4]
- iv) Describe principles of classical conditioning theory [4]
- b) Answer the following
 - i) Define attention [2]
 - ii) Importance of attention in nursing profession [5]
 - iii) Factors and conditions favorable for capturing attention [8]

SECTION - B (35 Marks)

3. Short answer questions (Solve any 4 out of 5) : [4 × 5 = 20]

- a) Formation and development of attitude
- b) Nursing interventions for emotional reactions in patient care
- c) Classification of motives
- d) Developing good study habits
- e) Describe types of psychological differences in patients

4. Long answer questions (Solve any 1 out of 2) : [1 × 15 = 15]

- a) Answer the following:
 - i) Define intelligence [2]
 - ii) Describe intelligence test [4]
 - iii) Difference between individual and group test [4]
 - iv) Intelligence during health and illness and its implication in Nursing [5]
- b) Answer the following:
 - i) Define frustration [2]
 - ii) List down characteristics of frustration [5]
 - iii) List down sources of frustration [3]
 - iv) How an individual reacts to frustration [5]

