

Third Semester B.Sc. Nursing Examination, (Phase - III) Winter - 2023
ADULT HEALTH NURSING-I

Total Duration : Section A + B = 3 Hours

Section B Marks :63

SECTION - B

- 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**.
 - 5) Draw diagrams **wherever** necessary.
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 - 7) Use a common answerbook for all Sections.

2. Essay / Situation Type

[2×15=30]

- a) Mr. XYZ, 45 years old, was admitted in Coronary Care Unit with severe chest pain;
 - i) Define myocardial infarction.
 - ii) Explain the pathophysiology with clinical manifestation of myocardial Infarction.
 - iii) Write in detail the medical and nursing management of myocardial infarction on admission of Mr. XYZ.
- b) Mr. ABC, aged 45 years, was brought into the hospital with a history of vomiting of blood, abdominal distention;
 - i) Write the etiology of liver cirrhosis.
 - ii) Explain in detail the pathophysiology of liver cirrhosis.
 - iii) Prepare a nursing care plan for Mr. ABC.

3. Short Notes

[5×5=25]

- a) Enlist medications used in Pulmonary Tuberculosis.
- b) Enlist types of fracture
- c) Define eczema.
- d) Enlist signs and symptoms of hypoglycemia.
- e) Enlist types of Leukemia.

4. Very Short Notes

[4×2=8]

- a) Enlist types of Shock.
- b) Enlist types of Anesthesia.
- c) Stages of wound healing
- d) Enlist types of Hernia.



[Total No. of Pages : 2]

**Third Semester B.Sc. (Nursing) Examination,
Summer - 2024 Phase - II
ADULT HEALTH NURSING - I**

Total Duration : Section A+B = 3 Hours

Section B Marks : 63

SECTION - B

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 - 7) Use a common answer book for all section B.

2. Essay / Situation Type : (Any 2 out of 3) [2 × 15 = 30]

- a) Define shock, enlist the types of shock, describe the management of hypovolemic Shock, draw a flowchart depicting the pathophysiology of hypovolemic shock and list down the nursing diagnoses for a patient who had massive blood loss in road traffic accident.
- b) Define asthma, describe the triggering factors of asthma and their prevention, explain the pathophysiology of asthma, write medical management of asthma, enlist the nursing diagnoses and explain nursing management for three priority nursing diagnoses.
- c) Define peptic ulcer, describe the etiological and predisposing factor of peptic ulcer, enlist the nursing diagnoses, explain the nursing care based on 3 priority nursing diagnoses and differentiate between peptic ulcer and duodenal ulcer.

3. Short Notes (Solve any 5 out of 6) : [5 × 5 = 25]

- a) Care of patient with POP cast
- b) Clinical manifestation of pemphigus vulgaris

c) Explain Hepatitis B under following headings.

- Sources of infection
- Sign & Symptoms
- Complication
- Management

d) Clinical features of Congestive Cardiac Failure

e) Prevention of anemia

f) Complications of diabetes mellitus

4. Very Short Notes (Solve any 4 out of 5) :

[4 × 2 = 8]

a) Enlist four factors that affect wound healing

b) Zones of OT

c) Four sites of colostomy

d) Four indications of blood transfusion

e) Two clinical manifestation of fracture

5. Haemostasis
Inflammation
Proliferation
Remodeling.

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Section B

Ques2.Essay / Situation Type (Solve any 2 out of 3)

(2x15=30.00)

a.

A 55-year-old female patient, Mrs. Patel, has been admitted with a diagnosis of intestinal obstruction. She underwent surgery to relieve the obstruction and is now in the postoperative period. Answer the Following

Define intestinal obstruction - 02

Enlist the causes, signs and symptoms of intestinal obstruction - 05

Explain the postoperative nursing management of intestinal obstruction - 08

b.

A 65-year-old male patient, Mr. Smith, is admitted to your unit with a fracture of the femur. He is scheduled for skeletal traction. Mr. Smith has a history of osteoporosis and fall at home, sustaining the fracture. Answer the Following.

Define fracture. List the clinical manifestations in fracture of femur 02

Explain the types of fracture 05  
nursing diagnoses care plan for a patient with fracture of femur on skeletal traction. - 08

Write two priority

c.

Define Chronic Obstructive Pulmonary Disease(COPD) 02

Explain Etio-Pathophysiology of COPD with its Clinical Manifestation 06

Enlist priority nursing diagnosis and prepare a nursing care plan for three nursing diagnosis 08

Ques3.Short Notes (Solve any 5 out of 6)

(5x5=25.00)

a.

Define Anesthesia and types of Anesthesia.

b.

Discuss Hernia.

c.

Explain surgical Asepsis.

d.

Describe Cushing Syndrome

e.

Explain 12 Lead Electro Cardio Gram

f.

Role of Nurse in Care of Patient with skeletal Traction.

Que4. Very Short Notes (Solve any 4 Out of 5) :-

(4x2=8.00)

a.

Stages of Fracture Healing.

b.

Acne Vulgaris

c.

Thalassemia.

d.

Covid 19

e.

Clinical Manifestation of Haemorrhoids.

Third Semester B.Sc. Nursing (2022) Examination,  
(Phase - III) Winter - 2024

ADULT HEALTH NURSING - I

Total Duration : Section A + B = 3 Hours

Section B Marks : 63

**SECTION - B**

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  - 7) **Use** a common answerbook for Section B.

**2. Essay / Situation Type (Solve any 2 out of 3)**

**[2×15=30]**

- a) Shri Ram Lal, aged 65 years, is admitted in ortho ward for below knee amputation.

Define fracture, write the classification of fracture, write medical and surgical management of fracture, write the pre operative and post operative nursing care for a patient undergoing amputation.

- b) Define diabetes mellitus, explain pathophysiology of type 1 diabetes mellitus, write dietary management of patient with diabetes mellitus and write a note on diabetic foot care.

- c) Enlist types of anemia, write etiological factors & clinical manifestation of iron deficiency anemia, discuss medical and nursing management of the patient with severe anemia based on two priority problems.

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3. Short Notes (Solve any 5 out of 6)

[5×5=25]

- a) Leukemia.
- b) Pathophysiology of liver cirrhosis.
- c) Post-operative complications of thyroid surgeries.
- d) Medications used in pulmonary tuberculosis.
- e) Eczema.
- f) Risk factor of coronary artery diseases.

4. Very Short Notes(Solve any 4 Out of 5) :

[4×2=8]

- a) Principles of intercostal drainage.
- b) Enlist types of shock.
- c) Stages of wound healing.
- d) Types of traction.
- e) Types of malaria.

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Section B

Que2.Essay / Situation Type (Solve any 2 out of 3)

(2x15=30.00)

- a.
- a) Define Anemia -02
  - b) Write down the Classification of Anemia - 04
  - c) List the causes of Anemia- 04
  - d) Write down the Management of the Patient with Iron Deficiency Anemia - 5

- b.
- a) Define Shock -02
  - b) Explain the types of Shock and its aetiology - 05
  - c) Write in detail about management of Hypovolemic shock -08

- c.
- a) Explain the organization and physical Set up of Operation Theatre - 05
  - b) Enlist the members of the Operation theatre team with their functions -05
  - c) Describe the legal Aspects In Operation Theatre - 05

Que3.Short Notes (Solve any 5 out of 6)

(5x5=25.00)

a.  
↓  
Importance of ABG Analysis & Its Interpretation.

b.  
↓  
Describe Pleural Effusion and its Management

c.  
↓  
Endocarditis and Its management

d.  
↓  
Etiology -Pathophysiology of Cholelithiasis

e.  
↓  
Osteoporosis and Its Risk Factors

f.  
↓  
Write note on Hepatitis B

(4x2=8.00)

Que4.Very Short Notes(Solve any 4 Out of 5) :-

a.

Enlist sign and Symptoms of Diphtheria

b.

Enlist disorders of Thyroid gland

c.

Indication of Tracheostomy

d.

Stages of Anesthesia

e.

Types of Haemorrhoids

[Total No. of Pages : 2

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**Third Semester B.Sc. Nursing Examination, (Phase - III) Winter - 2023**  
**APPLIED MICROBIOLOGY AND INFECTION CONTROL**  
**INCLUDING SAFETY**

Total Duration : Section A + B + C = 3 Hours

Section B & C Marks : 62

**SECTION - B & SECTION-C**

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  - 7) **Use a common answerbook for section B & C.**

**SECTION-B**

**(Applied Microbiology)**

2. **Essay** **[1×10=10]**  
Define Immunity, describe in detail the different level of immunity among the living Organisms. Write down the types & Classification of Immunity in details.
3. **Short Notes:** **[3×5=15]**
  - a) Define Hypersensitivity and describe the anaphylactic type.
  - b) Describe in brief about Widal Test.
  - c) Write down the Nursing intervention in vector-borne diseases control.
4. **Very Short Notes:** **[3×2=6]**
  - a) Details about Yeast cell
  - b) Describe Bacterial Growth Curve
  - c) Describe Classification of specimen

**SECTION-C****(Infection Control Including Safety)****5. Essay** **[1×10=10]**

Define Sterilization and Disinfection. Write 4 characteristics of an ideal disinfectant. Write a note on the Autoclave as a method of sterilization.

**6. Short Notes:** **[3×5=15]**

- a) Define Nosocomial Infection. Describe various nosocomial infections with measures of prevention of infection.
- b) Describe Universal safety Precautions.
- c) What is Antibiotic Stewardship? Explain its importance in health care settings.

**7. Very Short Notes:** **[3×2=6]**

- a) Write down the Principles of Specimen Collection.
- b) Describe briefly about 55 safety protocol?
- c) Enlist the steps of Hand Hygiene.



**THIRD SEMESTER B.Sc. NURSING EXAMINATIONS**  
**APPLIED MICROBIOLOGY AND INFECTION CONTROL INCLUDING SAFETY**

**Total Marks : 75**

**Total Duration : 3 Hrs.**

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

**SECTION – B (Applied Microbiology)**

**(1x10=10)**

**2. Essay : ( any 1 out of 2)**

- a)
  - i) Define Bacteria (2 Marks)
  - ii) Enlist the factors affecting microbial growth, (3 Marks)
  - iii) Explain Bacterial Growth Curve with neat & labeled diagram. (5 Marks)
- b)
  - i) Enlist the Objective for Acid Fast Stain (2 Marks)
  - ii) Write the principles of Acid fast stain (3 Marks)
  - iii) Write the procedure of acid fast staining (5 Marks)

**3. Short Notes : ( any 3 out of 4)**

**(3x5=15)**

- a) Describe the morphology of HIV and laboratory diagnosis of HIV infection
- b) Discuss National immunization schedule.
- c) Explain Stages of Sporulation.
- d) Discuss in detail the laboratory diagnosis of diphtheria.

**4. Very Short Notes : ( any 3 out of 4)**

**(3x2=6)**

- a) Passive immunity
- b) Define Culture Media.
- c) Structure of Bacteria
- d) Enlist the viruses causes food poisoning

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## 5. Essay : ( any 1 out of 2)

- a) i) Define sterilization (2 Marks)  
ii) Write precaution for use of bleach. (3 Marks)  
iii) Explain the technique of moist heat sterilization using saturated steam under pressure and explain its principles. (5 Marks)

- b) i) Define Biomedical Waste, (2 Marks)  
ii) Enlist steps of hand hygiene (3 Marks)  
iii) Explain in detail the various categories of BMW with suitable examples. (5Marks)

(3x5=15)

## 6. Short Notes : ( any 3 out of 4)

- a) Explain types of spill.
- b) Explain in detail Antibiotic Stewardship.
- c) Discuss role of infection control nurse
- d) Discuss National immunization schedule in India

(3x2=6)

## 7. Very Short Notes : ( any 3 out of 4)

- a) Enlist various types of vaccine
- b) Enlist the post exposure prophylaxis for needle stick injuries
- c) Define Disinfection.
- d) Enlist intervention for IV complication

*Nosocomial infection.*

Third Semester B.Sc. Nursing Examination, Summer - 2024  
Phase - II

APPLIED MICROBIOLOGY AND INFECTION CONTROL  
INCLUDING SAFETY

Total Duration : Section A+B+C = 3 Hours

Section B&C Marks : 62

SECTION - B & SECTION - C

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SECTION - "B"

(Applied Microbiology)

2. Essay (any 1 out of 2) : [1 × 10 = 10]
- a) Define Culture media. Classify culture media with an example. State the importance of culture media to nurse.
  - b) Describe Life cycle malaria parasite and Explain about pathogenicity of malarial parasite.
3. Short Notes (any 3 out of 4) : [3 × 5 = 15]
- a) Define biomedical waste and explain the segregation of waste.
  - b) Define Sterilization and Disinfection and explain the methods of Sterilization.
  - c) Describe the general characteristics of Bacteria.
  - d) Explain different types of care bundles used in ICU.

## 4. Very Short Notes (any 3 out of 4) :

[3 × 2 = 6]

- a) Explain the steps of hand washing.
- b) Enlist the International Patient Safety Goals.
- c) Define the term of "Infection" and "Nosocomial infections".
- d) Explain the phases of bacterial growth curve.

**SECTION - "C"****(Infection Control Including Safety)**

## 5. Essay (any 1 out of 2) :

[1 × 10 = 10]

- a) Define the term Antibiotic Stewardship. State the Importance of Antibiotic Stewardship. Role of a nurse in prevention of Methicillin-resistant Staphylococcus aureus (MRSA) infection.
- b) Define Personal Protective Equipment (PPE). Explain the importance and types of PPE. Role of a nurse in transmission-based precautions.

## 6. Short Notes (any 3 out of 4) :

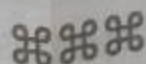
[3 × 5 = 15]

- a) Role of nurse in infection control in ICU.
- b) Differentiate between medical asepsis and surgical asepsis.
- c) Define biological spillage and explain biological spillage management.
- d) Define Emergency codes. Explain types of Emergency codes.

## 7. Very Short Notes (any 3 out of 4) :

[3 × 2 = 6]

- a) Prevention of communication error in Hospital.
- b) Enlist the Principles of specimen collection.
- c) Explain standard precautions for patient care.
- d) Enlist the Members of infection control team in Hospital.



**THIRD SEMESTER B.Sc. NURSING EXAMINATIONS**  
**APPLIED MICROBIOLOGY AND INFECTION CONTROL INCLUDING SAFETY**

**Total Duration : 3 Hrs.**

**Total Marks : 75**

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**SECTION – B (Applied Microbiology)**

**2. Essay : ( any 1 out of 2)**

**(1x10=10)**

- a) Define Western blot, Explain principles, Techniques and Application.
- b) Define Cultural media. Explain the type of special media with example.

**3. Short Notes : ( any 3 out of 4)**

**(3x5=15)**

- a) Define normal flora, Explain role of resident flora.
- b) Explain type-I & type-II reaction.
- c) Structure and types of Flagella.
- d) Explain the structure and classification of Microbes.

**4. Very Short Notes : ( any 3 out of 4)**

**(3x2=6)**

- a) Explain Paasive immunity.
- b) Describe about Fungal Culture.
- c) Explain Athlete's foot.
- d) Describe Hypersensitivity reaction.

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**SECTION – C (Infection Control Including Safety)**

5. Essay : ( any 1 out of 2)

(1x10=10)

- a) Define Hospital – acquired infection, Explain the course and types.
- b) Enumerate steps of Hand hygiene.

6. Short Notes : ( any 3 out of 4)

(3x5=15)

- a) Explain the sample collection preparation.
- b) Describe Waste Segregation.
- c) Nosocomial Infection.
- d) Explain Quality Nursing documentation.

7. Very Short Notes : ( any 3 out of 4)

(3x2=6)

- a) Explain fire precaution in Hospital.
  - b) Describe Effective communication.
  - c) Enlist Types of Hospital Waste.
  - d) Explain Normal flora in the skin.
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