

Roll No. ....2359028

Name of Course and Semester- B.Sc. Nursing IV Semester

Name of The Question Paper- Pharmacology And Pathology &amp; Genetics

Paper Code – PHAR 205 PATH 210 (I &amp; II)

Time: 3 Hours

Maximum Marks - 75

NOTE- Attempt All The Sections.

SECTION (A) (PHARMACOLOGY)

## Multiple Choices Question

(1x7=7 Marks)

1. Which of the following is a commonly used Siddha medicine for fever-
  - a. Nilavembu Kudineer
  - b. Arsenic Album
  - c. Hamdard Joshina
  - d. Chyawanprash
2. Which drug is commonly used for medical termination of pregnancy-
  - a. Clomiphene
  - b. Mifepristone
  - c. Estrogen
  - d. Progesterone
3. Which of the following is commonly used as an Antihistamine in ENT allergies -
  - a. Loratadine
  - b. Paracetamol
  - c. Amoxicillin
  - d. Ibuprofen
4. Which of the following is the most commonly prescribed class of drugs for the treatment of anxiety disorders-
  - a. Beta-blockers
  - b. Benzodiazepines
  - c. Antihistamines
  - d. Opioids
4. Dexamethasone is a type of-
  - a. Pain reliever
  - b. Antibiotic
  - c. Corticosteroid
  - d. Anticoagulant
5. At what age is the first dose of the Hepatitis B vaccine given under the Universal Immunization Program (UIP)-
  - a. At birth
  - b. 6 months
  - c. 1 year
  - d. 5 years
6. Which of the following is a common use for antihistamines-
  - a. Treating bacterial infections
  - b. Relieving allergy symptoms
  - c. Reducing inflammation in ear
  - d. Treating glaucoma

## Long Answer type question (Attempt Any one)

(1x10=10 Marks)

1. a) Classify sedatives and hypnotics .Explain the mode of action and uses of Diazepam.  
b) Discuss the management of Diazepam poisoning.
2. a) Describe the pharmacology and nursing management of drugs used in the treatment of UTI.  
b) Write a detailed note on drugs acting on the Renin-Angiotensin system.

## Short Answer type question (Attempt Any three)

(3x5=15 Marks)

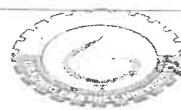
1. Write short essay on Antitubercular drugs.
2. Explain hormone replacement therapy (HRT) along with its indications, benefits, and risks.
3. Describe in MOA of anticancer drugs. short uses of corticosteroids.
4. Explain IV fluids & electrolytes replacement therapy.

## Very Short question (Attempt Any three)

(3x2=6 Marks)

- 1.Name any two herbs used in Ayurveda.
- 2.Mention any one ethical principle in prescribing herbs in ayurveda.
- 3.Write down types of immunity.
- 4.Define Antitussive and mucolytics agents.

Conti...



GEHU/02E/9.1.3  
End Term Even Semester Examination June 2025

**Short Answer type question (Attempt any one)**

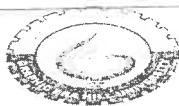
(1x5=5 Marks)

1. Describe how maternal health, environmental exposures, teratogens, and genetic mutations contribute to abnormal fetal development.
2. Explain cell division.

**Very Short question (Attempt Any two)**

(2x2=4 Marks)

1. Role of nurse in genetic counseling .
2. Neural tube defect.
3. Gene therapy.



## End Term Even Semester Examination June 2025

SECTION (B) (PATHOLOGY)

(1x4=4 Marks)

## Multiple Choices Question

1. Which of the following is not a cardinal sign of acute inflammation-
  - a. Redness
  - b. Swelling
  - c. Fever
  - d. Pain
2. Rust-colored sputum is classically associated with infection by-
  - a. Mycoplasma pneumoniae
  - b. Streptococcus pneumoniae
  - c. Legionella pneumophila
  - d. Haemophilus influenza
3. Asthenozoospermia refers to-
  - a. Reduce sperm count
  - b. Reduce sperm motility
  - c. Absence of sperm
  - d. Increase semen volume
4. Most common site for gastric ulcer is-
  - a. Fundus of stomach
  - b. Antrum of stomach
  - c. Cardia of stomach
  - d. Lesser curvature of stomach

Short answer type question (*Attempt Any three*)

(3x5=15 Marks)

1. Explain the physical, chemical, and microscopic examination of CSF and their diagnostic significance in various neurological disorders."
2. "Describe the pathological changes in meningitis.
3. Discuss the pathological changes in vesicular mole
4. Explain the mechanism of metastasis

Very Short question (*Attempt Any three*)

(3x2=6 Marks)

1. Stroke
2. Coagulation test
3. Cell injury
4. Enlist the transfusion reaction

SECTION (C) (GENETICS)

(1x3=3 Marks)

## Multiple Choices Question

1. The ideal time for chorionic villus sampling is-
  - a. 4-8 week of pregnancy
  - b. 13-14 week of pregnancy
  - c. 16-20 week of pregnancy
  - d. 8-11 week of pregnancy
2. During which stage of mitosis do sister chromatids separate and move to opposite poles?
  - a. Prophase
  - b. Metaphase
  - c. Anaphase
  - d. Telophase
3. In genetic counseling, pedigree chart used for-
  - a. To assess severity of genetic condition
  - b. To analyze family history & inheritance pattern
  - c. To identify genetic mutation
  - d. To suggest treatment options

Conti...