

**D.PHARM.  
SECOND YEAR (SPECIAL REPEAT)  
PHARMACEUTICAL CHEMISTRY-II  
DPH202T**

Duration : 3 hrs.

Full Marks : 80

1. Use separate answer scripts for Group-A and Group-B.
2. In **Group-A**: Question number 1 is **compulsory** and answer any 3 from the rest.
3. In **Group-B**: Question number 6 is **compulsory** and answer any 3 from the rest.

**Group-A**

1. Describe the MOA of Antiseptic. Write physical properties, chemical properties and identification test of Sulphacetamide. 4+2+4=10
2. Name the anthelmintics containing piperazine heterocycle and give its structure, chemical properties, storage, uses and brands. Write a note on antiamoebic drugs. 6+4=10
3. Discuss the various stages of sleep. Write down the classification and five common uses of Sedatives. 4+3+3=10
4. What is diagnostic agent? Write the classification of vitamins with its function and brands. 3+7=10
5. Draw the structure and brands of following drugs: 2×5=10
  - a) Benzyl penicillin
  - b) Propranolol
  - c) Chlorpromide
  - d) Menadione
  - e) Mannitol

**Group-B**

6. Write down the identification test of Sulfacetamide. Mention the chemical classification of antibiotics and describe chemical properties of benzyl penicillin. 3+5+2=10
7. Classify nervous system. Write chemical properties, storage, uses and brands of frusemide. 4+6=10

8. Write a note on: 2×5=10
- a) General anesthetics
  - b) Antifungal drugs
  - c) Antidepressant drugs
  - d) Cardiovascular drug
  - e) Stages of blood clotting
9. a) What is tranquilizer? Write down the chemical class of Tranquilizer? 5
- b) Answer the following: 1+1+1+2=5
- 1. Write down the structure of PAS.
  - 2. Write a note on government scheme of Tuberculosis.
  - 3. Mention an identification test for chlorpromazine.
  - 4. Describe the uses of Diazepam.
10. Define disinfectant. Write the chemical properties, incompatibility, storage and brand name of Chlorxylenol. Describe the drug epinephrine with its properties, structure, storage, uses and brands. 5+5=10

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