

**D.PHARM.  
SECOND YEAR (SPECIAL REPEAT)  
PHARMACOLOGY & TOXICOLOGY  
DPH203T**

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. Write a note on routes of drug administration. 10
2. Write a short note on sedative and hypnotics. Write about the mechanism of action of local anesthetics. 5+5=10
3. Write about General Anesthetics. 5+5=10
4. Write short notes on: (any two) 5+5=10
  - a) Anti-fungal agents
  - b) Anti-Viral agents
  - c) Anti-Cancer agents
5. Write about the classification and mechanism of action of drugs used in Parkinson's Disease. 5+5=10

**Group-B**

6. Write a short note on: 5+5=10
  - a) Hypoglycemic agent
  - b) Tetracycline

7. What are sulfonamides? Write the classification, M.O.A and ADR's of sulfonamide compounds. 1+3+4+2=10
8. Write about the mechanism of action of Streptomycin and Chloramphenicol. 5+5=10
9. Write about the organization, function and drugs acting on Autonomic Nervous System. 5+5=10
10. What are diuretics? Write about the classification of diuretic agents and their mechanism of action. 2+3+5=10

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