

Roll No. 

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Total No. of Pages : 02

Total No. of Questions : 18

**Pharm. D (Sem.-4)**  
**PHARMACOTHERAPEUTICS-III**  
Subject Code : 4.1  
Paper ID : [A2660]

Time : 3 Hrs.

Max. Marks : 70

**INSTRUCTION TO CANDIDATES :**

1. SECTION-A contain SEVEN questions. Attempt any FIVE questions. Each question will carry TWO marks each.
2. SECTION-B contain EIGHT questions (Short Essay Type). Attempt any SIX questions. Each question will carry FIVE marks.
3. SECTION-C contain THREE questions (Long Essay Type). Attempt any TWO questions. Each question will carry FIFTEEN marks.

**SECTION-A**

1. What is triple therapy in peptic ulceration?
2. How does prolonged bed rest induces the state of thromboembolism?
3. What do you understand by obsessive compulsive disorder?
4. What are the side effects of anticholinergic drugs?
5. What is on-off phenomenon in parkinsonism therapy?
6. What do you understand by viral hepatitis?
7. What do you understand by evidence based medicine?

**SECTION-B**

8. Explain the pathophysiology of Parkinsonism.
9. Explain the drug therapy of status epilepticus.
10. What are the drugs used in the management of acute migraine?

11. Explain the mechanism of action of tricyclic antidepressants.
12. Explain the pathophysiology of gastric ulceration.
13. What do you understand by fatty liver? Explain the drug therapy of liver failure.
14. How does deficiency of G6PD may induce hemolysis in the presence of certain drugs?
15. Write the drug therapy of iron deficiency anemia.

### SECTION-C

16. Classify antipsychotic drugs. Explain the mechanism, side effects and contraindications of chlorpromazine.
17. What are different anxiety disorders? Explain the pathophysiology of these disorders along with their management.
18. What is neuralgia? Explain the pain pathways involved in pain perception. Write a note on mechanism of action of endogenous opioids.