

Roll No.

Total No. of Pages : 02

Total No. of Questions : 18

**Pharm. D (Sem.-2)**  
**PATHOPHYSIOLOGY**  
Subject Code : 2.1  
Paper ID : [D0260]

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 contains EIGHT questions (Short Essay Type). Attempt any SIX questions. Each question will carry FIVE marks.
3. SECTION-C contains THREE questions (Long Essay Type). Attempt any TWO questions. Each question will carry FIFTEEN marks.

**SECTION-A**

1. Define inflammation.
2. How MHC-I is different from MHC-II?
3. What is neoplasm?
4. Define shock.
5. How parkinsonism is different from Parkinson's disease?
6. What is cirrhosis?
7. How T cells are different from B cells?

**SECTION-B**

8. Outline morphology of cell injury.
9. How acute inflammation is different from chronic inflammation?
10. How type-I hypersensitivity is different from type-II, III and type IV?

11. How benign tumor is different from malignant tumor.
12. Outline pathophysiology of IBD.
13. Write a short note on typhoid.
14. Discuss biological effects of radiations.
15. Write a short note in UTIs.

### SECTION-C

16. What is MHC? Discuss in detail.
17. Write a detailed note in mechanism, stages and management of septic shock.
18. Write a detailed note on cancer.

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**NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.**