

**Roll No.**

**Total No. of Pages : 02**

**Total No. of Questions : 13**

**B.Pharma (Sem.-2)**  
**PATHOPHYSIOLOGY**  
**Subject Code : BP-204T**  
**M.Code : 74970**  
**Date of Examination : 20-12-22**

**Time : 3 Hrs.**

**Max. Marks : 75**

**INSTRUCTIONS TO CANDIDATES :**

1. **SECTION-A is COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **THREE** questions carrying **TEN** marks each and student has to attempt any **TWO** questions.
3. **SECTION-C** contains **NINE** questions carrying **FIVE** marks each and student has to attempt any **SEVEN** questions.

## SECTION-A

**1. Answer briefly :**

- a) What are cells involved in acute and chronic inflammation?
- b) What any one biochemical theory of epilepsy?
- c) What are the changes taking place in the blood flow during migraine?
- d) What are the changes occurring in nucleus during cell injury?
- e) What are the factors contributing in irreversible cells injury during hypoxia?
- f) What do you understand by myocardial infarction?
- g) What do you mean by response to endothelial injury in atherosclerosis?
- h) What is tertiary syphilis?
- i) What is stroke?
- j) What do you understand by alcoholic liver disease?

### SECTION-B

2. What is anemia? What are its different types? Explain iron deficiency anemia with clinical symptoms and laboratory diagnosis.
3. What is rheumatoid arthritis? How is different from osteoarthritis? Explain the clinical symptoms along with the pathogenesis of rheumatoid arthritis.
4. What are sexually transmitted diseases? Explain the pathogenesis, different stages and symptoms of AIDS in each stage.

### SECTION-C

5. What is Parkinson disease? Write its biochemical theory along with clinical symptoms.
6. What is diabetes mellitus? What are its different types? Write the clinical symptoms.
7. What do you understand by inflammatory bowel disease? What are its different types?
8. What do you mean by acute renal failure? Write the factors that may contribute in the development of acute renal failure.
9. Write a note on arachidonic acid derived metabolites.
10. What is CHF? What are the compensatory mechanisms activated in CHF?
11. What are the different types of cell adaptations that may occur?
12. Write a note on schizophrenia.
13. What is cancer? Write the differences between benign and malignant tumors.

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