

Roll No.

Total No. of Pages : 02

Total No. of Questions : 10

**B.Pharma (2011 to 2016) (Sem.-4)**  
**PATHOPHYSIOLOGY OF COMMON DISEASES**  
Subject Code : BPHM-404  
Paper ID : [D1143]

Time : 3 Hrs.

Max. Marks : 80

**INSTRUCTION TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of FIFTEEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains FOUR questions carrying TEN marks each and students have to attempt any THREE questions.

**SECTION-A**

1. Briefly describe the following :

- a. Anemia
- b. Arteriosclerosis
- c. Angioplasty
- d. Cellular adaptations
- e. Hypertrophy
- f. Rheumatoid arthritis
- g. Acute inflammation
- h. Heart failure
- i. Schizophrenia
- j. Jaundice
- k. Cancer
- l. Chemotaxis
- m. Anxiety

- n. Vascular permeability
- o. Diabetes

**SECTION-B**

- 2. Write a note on pathogenesis of peptic ulcer.
- 3. Give an account on the pathophysiology of depression.
- 4. Differentiate between acute and chronic renal failure.
- 5. Discuss intracellular alterations in lipids & carbohydrates.
- 6. Give an account on dopamine hypothesis of Parkinson's disease.

**SECTION-C**

- 7. Discuss pathophysiological basis of hypertension.
- 8. Give an account of structural component of HIV virus, its replicative cycle and pathophysiology of AIDS.
- 9. Give a detailed account on the process of inflammation.
- 10. Discuss the basic mechanisms involved in the process of cellular injury with special reference to CNS diseases.