

Roll No.

Total No. of Pages : 02

Total No. of Questions : 24

**B.Pharma (2012 to 2016) (Sem.-4)**  
**PATHOPHYSIOLOGY OF COMMON DISEASES**

Subject Code : BPHM-404

M.Code : 46234

Time : 3 Hrs.

Max. Marks : 80

**INSTRUCTIONS 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**

**Discuss briefly :**

1. Differentiate between Type I and Type II diabetes mellitus.
2. Briefly define Iatrogenic Diseases.
3. What is the normal range of blood pressure?
4. What physiological changes occur in angina?
5. Give the full form of AIDS.
6. Deficiency of which vitamin leads to megaloblastic anemia?
7. How tuberculosis can be diagnosed?
8. Define Congestive Heart Failure.
9. How renal failure can be diagnosed?
10. What is liver cirrhosis?
11. What are the various causes of ulcerative colitis?

12. Differentiate between atrophy and hypertrophy.
13. Name two sexually transmitted diseases.
14. Name the causative agents of urinary tract infections.
15. What are the common signs and symptoms of depression?

### SECTION-B

16. What are the various signs and symptoms of Asthma? Discuss the precipitating factors for bronchial asthma.
17. Describe common types of neoplasm.
18. What pathophysiological changes occur in Parkinson's disease?
19. Differentiate between Type I and Type II Diabetes Mellitus. What are the common signs and symptoms of Diabetes Mellitus?
20. What are the various mediators of inflammation? Briefly discuss the process of repair.

### SECTION-C

21. Define the various causes of cellular injury. What alterations occur in lipids, proteins and carbohydrates subsequent to cell injury?
22. Write a note on :
  - a) Bronchial asthma
  - b) Atherosclerosis
23. What physiological changes occur in acute renal failure? Discuss the pre-renal, renal and post renal causes of acute renal failure in detail.
24. Discuss in-detail the pathophysiology of following diseases :
  - a) Tuberculosis
  - b) Peptic ulcer

**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.**