

B. Pharm. First Year (CBCS Pattern) Semester-II
BP204T - Pathophysiology-I

P. Pages : 1

Time : Three Hours



GUG/S/25/10881

Max. Marks : 75

-
- Notes :
1. Assume suitable data wherever necessary.
 2. Illustrate your answers wherever necessary with the help of neat sketches.
 3. All questions are compulsory.

1. Solve the following. **2x10**
=20
 - a) What is homeostasis?
 - b) Write in brief about morphology of cell injury.
 - c) What is electrolyte imbalance?
 - d) What is inflammation? Give its types.
 - e) What are the principles of wound healing?
 - f) What is migration of WBC?
 - g) Enlist the mediators of inflammation?
 - h) Elaborate the clinical signs of inflammation?
 - i) What is heart attack?
 - j) Enlist the various disorders of sex hormones.
2. Solve the following (**any 2**). **2x10**
=20
 - a) Explain the pathophysiology of Cancer.
 - b) Explain in detail the pathology and complications of hypertension.
 - c) Explain the etiology and pathogenesis of Alzheimer disease.
3. Solve the following (**any 7**). **7x5**
=35
 - a) Write a short note on iron deficiency Anemia.
 - b) Explain in short intracellular accumulation.
 - c) Write brief about atherosclerosis.
 - d) Write a short note on hypothyroidism.
 - e) Explain cause and pathophysiology of diabetes mellitus.
 - f) Explain the causes of cell injury.
 - g) Describe the mechanism involved in the process of inflammation.
 - h) Write a short note on AIDS.
 - i) Write in brief about Osteoarthritis.
