

(LP 2020)

SEPTEMBER 2019

Sub. Code: 2020

**B.PHARM. DEGREE EXAMINATION**  
**PCI Regulation – SEMESTER II**  
**PAPER IV – PATHOPHYSIOLOGY**

*Q.P. Code: 562020*

**Time: Three hours**

**Maximum: 75 Marks**

**I. Elaborate on: Answer any TWO questions.**

**(2 x 10 = 20)**

1. Discuss about the various inflammatory mediators and their role in inflammatory process.
2. Describe the etiology and pathophysiology of congestive heart failure.
3. Elaborate on etiopathogenesis of iron deficiency anemia and megaloblastic anemia.

**II. Write notes on: Answer any SEVEN questions.**

**(7 x 5 = 35)**

1. Etiology of various types of viral hepatitis.
2. Enumerate on pathophysiology of gout.
3. Write a note on etiopathogenesis of AIDS.
4. Define meningitis and write about different types of meningitis.
5. Write a note on various stages of alcoholic liver disease.
6. Enumerate on pathophysiology of Parkinson's disease.
7. Write causes and pathogenesis of acute renal failure.
8. Describe the different types of necrosis.
9. Write about various stages of urinary tract infection.

**III. Short answers on: Answer ALL questions.**

**(10 x 2 = 20)**

1. Define metaplasia with suitable example.
2. Cause and prevention of Gonorrhoea.
3. Write the causes of extrinsic asthma.
4. List the etiology of peptic ulcer.
5. Grave's disease.
6. Write the causes of Osteoporosis.
7. Classify inflammatory bowel disease.
8. Define epilepsy.
9. Causes and prevention of typhoid.
10. What is wound healing?

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