

(LN 2020)

SEPTEMBER 2018

Sub. Code: 2020

**B.PHARM. DEGREE EXAMINATION
PCI REGULATION – SEMESTER II
FIRST YEAR
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. Explain about causes and pathogenesis of cell injury.
2. Give in detail about types of inflammation with their mechanism.
3. Discuss about etiology and pathogenesis of diabetes mellitus.

II. Write notes on: Answer any SEVEN questions.

(7 x 5 = 35)

1. Describe the etiology of acute renal failure.
2. Write notes on clinical signs of inflammation.
3. Explain about classification of cancer.
4. Write briefly about pathogenesis of tuberculosis.
5. Give notes on gonorrhoea and syphilis.
6. Define congestive heart failure and write its pathophysiology.
7. Write about inflammatory bowel diseases.
8. Explain the signs and symptoms of gout.
9. Explain about peptic ulcer disease.

III. Short answers on: Answer ALL questions.

(10 x 2 = 20)

1. Calcification.
2. Hypertrophy.
3. Metaplasia.
4. Atherosclerosis.
5. Myocardial infarction.
6. Megaloblastic anemia.
7. Stroke.
8. Osteoporosis.
9. What are the Causes for Schizophrenia?
10. Meningitis.
