

(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.

(LO 2020)

MARCH 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 the etiology, and pathophysiology of Hypertension.
2. Describe on Pathophysiology of Acute renal failure and Chronic renal failure.
3. Define Diabetes. And write the causes, symptoms and pathophysiology of Diabetes.

II. Write notes on: Answer any SEVEN questions.

(7 x 5 = 35)

1. Discuss about the Infections diseases.
2. Write short notes on mechanism of cellular inflammation.
3. Pathophysiology of Peptic Ulcer.
4. Notes on Parkinson's disease.
5. Enumerate on Pathophysiology Hepatitis.
6. Etiology of cancer.
7. Angina pectoris and their symptoms.
8. Syphilis and Gonorrhoea.
9. Discuss briefly about the various hormone disorders.

III. Short answers on: Answer ALL questions.

(10 x 2 = 20)

1. Cytokines.
2. DOT therapy.
3. Signs of inflammation.
4. Hypertrophy.
5. Ketoacidosis.
6. Hematuria.
7. Atheroma.
8. Sign of Schizophrenia.
9. Gangrene.
10. Give the risk factors for AIDS.

(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?

(LQ 2020)

MARCH 2020

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. Describe on pathogenesis and morphology of Cell injury.
2. Define Asthma. Write the causes, symptoms and pathophysiology of Asthma.
3. Describe the etiology and pathophysiology of acute renal failure.

II. Write notes on: Answer any SEVEN questions.

(7 x 5 = 35)

1. Discuss about the various Mediators of Inflammation.
2. Write notes on Epilepsy.
3. Describe briefly on Rheumatoid Arthritis.
4. Pathogenesis of Acquired Immunodeficiency Syndrome.
5. Explain Homeostasis and the concept of Negative feedback.
6. Enumerate on the Pathogenesis of Cancer.
7. Discuss the mode of transmission and pathophysiology of Leprosy.
8. Notes on Stroke and its etiology.
9. Write notes on Meningitis.

III. Short answers on: Answer ALL questions.

(10 x 2 = 20)

1. Haemolytic Anemia.
2. Hyperplasia.
3. Grave's disease.
4. Various stages of Chronic Kidney Disease.
5. Pathogenesis of Gout.
6. Define Goitre.
7. Acromegaly.
8. Angiogenesis.
9. Types of Acute Myocardial Infarction.
10. Ejection fraction.
