

QUESTION BANK

EVEN SEMESTER (2019-20)

B.PHARM II Sem

Subject Name: Pathophysiology

Paper Code: BP-204T

Unit I

Section A

Each Question Carrying 2 Marks

1. Define term pathophysiology.
2. Define negative feedback mechanism.
3. Define term pathogenesis and etiology.
4. Explain alkalosis with example.
5. Explain acidosis with example.
6. Describe apoptosis.
7. Describe necrosis.
8. Define positive feedback system.
9. Define cellular damage.
10. What is nuclear damage?
11. What is karyolysis, pyknosis?
12. What is wound healing?

Section B

Each Question Carrying 10 Marks

1. Describe cellular adaptation in detail?
2. Explain inflammation with their pathogenesis.
3. Explain cellular injury in detail.
4. Write in detail about inflammation with its mechanism.
5. Explain various mediators of inflammation in detail.
6. Write a detail note on apoptosis with its pathogenesis.
7. Write a detail note on necrosis with its pathogenesis.
8. Explain mechanism of wound healing.

Section C

Each Question Carrying 7 Marks

1. Describe the concept of homeostasis with suitable example.
2. Explain causes of cell injury with example.
3. Define inflammation and its types.
4. Comment on biosynthesis and metabolism of three mediators of inflammation.
5. Explain alkalosis with classification.
6. Write about acidosis with its classification and symptoms.
7. Describe cell damage.
8. Explain in detail pathogenesis of atherosclerosis.
9. Write a short note on mitochondrial damage, ribosomal damage.
10. What is nuclear damage? Explain.
11. Differentiate between apoptosis and necrosis.
12. Explain mechanism of prostaglandins release.

Unit II

Section A

Each Question Carrying 2 Marks

1. Define hypertension.
2. What is angina?
3. Describe congestive heart failure
4. Define myocardial infarctions.
5. What is asthma? write its etiology.
6. What is COPD?
7. What is acute renal failure?
8. What is chronic renal failure?
9. Define arteriosclerosis.
10. Define atherosclerosis.
11. Write etiology of CHF.
12. What is RAAS?

Section B

Each Question Carrying 10 Marks

1. Explain in detail about congestive heart failure.
2. Write the etiology and pathogenesis of angina pectoris.
3. Describe the ischemic heart disease in detail.
4. Explain asthma in detail with its pathogenesis.
5. Explain in detail about chronic renal failure.

Section C

Each Question Carrying 7 Marks

1. Describe complication of hypertension.
2. Explain pathophysiology of hypertension in detail.
3. Write the etiology and pathophysiology of asthma.
4. Explain clinical manifestation of CHF.
5. Write a short note on angina.
6. What are the complications of CRF?
7. Discuss about acute renal failure.
8. What are the signs, symptoms and complications of MI?
9. Explain the pathophysiology of CHF.
10. Differentiate between ARF & CRF.
11. Describe the etiology of COPD.

Unit III

Section A

Each Question Carrying 2 Marks

1. What is sickle cell anemia?
2. Define megaloblastic anemia.
3. Explain hemophilia.
4. What is stroke?
5. Define diabetes with its types.
6. What is hyperthyroidism and hypothyroidism?

7. Discuss epilepsy.
8. Define peptic ulcer with its causative agents.
9. Define schizophrenia.
10. What is depression?

Section B

Each Question Carrying 10 Marks

1. Explain pathophysiology of peptic ulcer in detail.
2. Explain pathophysiology of release of insulin.
3. Describe sickle cell anemia in detail.
4. Discuss thyroid hormone disorder.
5. Write a detail note on iron deficiency and megaloblastic anemia.
6. What is diabetes? Explain in detail about pathophysiology of insulin.
7. Discuss alzheimer's disease.

Section C

Each Question Carrying 7 Marks

1. Define peptic ulcer in detail.
2. Write a short note on hemophilia
3. Write a short note on diabetes. Differentiate in type I & II.
4. What is psychiatric disorder? Explain.
5. Describe depression in detail.
6. Discuss schizophrenia in detail.
7. Write a short note on Alzheimer disorder.
8. Write a brief note on stroke.
9. Write a short note on iron deficiency.
10. What is megaloblastic anemia? Explain.
11. Describe etiology and complication of schizophrenia.
12. Classify sex hormone disorder.

Unit IV

Section A

Each Question Carrying 2 Marks

1. Define IBD (Inflammatory bowel disease).
2. What is the etiology of jaundice?
3. Describe hepatitis and write its various types.
4. What is alcoholic liver disease?
5. What is etiology osteoporosis?
6. What is gout?
7. Write the etiology of cancer.
8. What is rheumatoid arthritis & write its etiology.
9. What is the etiology of IBD?
10. What is the sign and symptoms of jaundice?

Section B

Each Question Carrying 10 Marks

1. Explain IBD. Write its sign & symptoms with its pathophysiology
2. Write a detail note on hepatitis with its pathophysiology.
3. Discuss pathophysiology of jaundice.
4. Classify cancer with its pathogenesis.
5. Write a detail note on alcoholic liver disease with its pathogenesis.

Section C

Each Question Carrying 7 Marks

1. Write a short note on IBD.
2. Write a note on osteoporosis.
3. Classify cancer.
4. Describe various types of hepatitis in detail.

5. Explain pathogenesis of cancer.
6. Write the etiology, sign & symptoms of jaundice.

Unit V

Section A

Each Question Carrying 2 Marks

1. What is meningitis?
2. Define typhoid.
3. What is the etiology of leprosy?
4. Name the causative agents for tuberculosis.
5. What is the causative agent of UTI?
6. What is full form of AIDS?
7. Name the causative agent of syphilis.
8. Write the causative agents of gonorrhoea
9. What is the causative agent of meningitis?
10. Name the causative agent of typhoid.

Section B

Each Question Carrying 10 Marks

1. Explain pathophysiology of AIDS.
2. Discuss the pathophysiology of typhoid.
3. Write a detail note on pathogenesis of leprosy.
4. Explain meningitis in detail with its pathophysiology.
5. Explain pathophysiology of UTI with its signs & symptoms.

Section C

Each Question Carrying 7 Marks

1. What is leprosy? Describe its etiology and complications.
2. Define tuberculosis. Write its etiology, signs, and symptoms with complications.
3. What is meningitis? Explain in detail.
4. Write a short note on gonorrhoea.
5. Write a short note on syphilis.