

PARUL UNIVERSITY
FACULTY OF PHARMACY
Pharm.D Summer – 2022 -23 Examination

Year : 2**Subject Code: 08207201****Subject Name: Pathophysiology****Date: 27/03/2023****Time: 10:00am to 1:00pm****Total Marks: 70****Instructions**

1. Figures to the right indicate maximum marks.
2. Make suitable assumptions wherever necessary.

Q.1 Essay Type Questions. (any 2 out of 3) (15 Mark Each) (30)

1. a) Define metastasis, discuss the routes of metastasis
b) Write detail the vascular events in the process of inflammation.
2. Write etiology, pathophysiology and clinical features of parkinsonism and atherosclerosis.
3. a) Write down life cycle of malaria parasite with proper schematic flow chart.
b) Explain the etiology, pathogenesis, signs and symptoms of tuberculosis.

Q.2 Short Essay Type Questions. (any 4 out of 5) (5 Mark Each) (20)

1. Write the pathogenesis of irreversible cell injury.
2. What are the different types of hypersensitivity reactions? Describe the Type 1 hypersensitivity reaction.
3. Write a note on biological effects of radiation.
4. What is acute renal injury? Write a short note on acute renal failure.
5. a) How do you grade cancer?
b) What are different stages of liver diseases?

Q.3 Short Answers. (2 Mark Each) (20)

1. Define cell injury. Give the etiology of cell injury.
2. Write a short note on Vitamins.
3. Write the difference between benign and malignant tumor.
4. Draw and label AIDS virus.
5. Define shock. Write the types of shock.
6. Write the etiology and sign and symptoms of schizophrenia.
7. Write down complications of Diabetes mellitus.
8. Explain Pathogenesis of peptic ulcer.
9. Give the diagnostic test for urinary tract infection.
10. How do you distinguish between bacterial and amoebic dysentery?