

PARUL UNIVERSITY
FACULTY OF PHARMACY
Pharm.D Examination November-2019

Year: 2**Subject Code: 08207201****Subject Name: Pathophysiology****Date: 25/11/2019****Time: 02:00pm to 05:00pm****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. Define acute inflammation. Explain in detail etiology and pathogenesis of acute inflammation.
2. Explain in brief hypersensitivity reaction. Add a short note on T and B cell.
3. Define shock. Add a detailed note on types, stages and management of shock

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

1. Short note on etiology and pathogenesis of cancer.
2. Write about Acquired immune deficiency syndrome.
3. Etiopathogenesis of malaria.
4. Pathogenesis of tuberculosis.
5. Etiology of cell injury.

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

1. Differentiate between benign and malignant tumor.
2. Enlist high dose and low dose effects of radiation.
3. Define and classify necrosis?
4. Define and classify angina.
5. What is protein calorie malnutrition?
6. Write short note on COPD.
7. Write in short pathogenesis of Parkinson disease.
8. Enlist sign and symptoms of diabetes mellitus.
9. Enlist factors influencing healing of wound.
10. Define: a) Glycogen infiltration b) Amyloidosis.