

Seat No: \_\_\_\_\_

Enrollment No: \_\_\_\_\_

**PARUL UNIVERSITY**  
**FACULTY OF PHYSIOTHERAPY**  
**BPT, November – 2019 Examination**

**Year: 2**

**Subject Code: 07101203**

**Subject Name: Pathology and Microbiology**

**Date: 22/11/2019**

**Time: 10:00am to 1:00pm**

**Total Marks: 70**

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**Instructions:**

1. All questions are mandatory
2. Figures to the right indicate full marks.
3. Draw Diagram wherever necessary.
4. Write separate sections on separate answer sheets.

**SECTION- A**

**Q.1** What is neoplasia? Describe various carcinogens and process of carcinogenesis. Write in brief about metastasis. (15)

**OR**

**Q.1** Define necrosis. Describe various types of necrosis giving examples. (15)

**Q.2 Write Short Notes (4 out of 5) (5 Marks each)** (20)

- (a) Chemical mediators of inflammation.
- (b) Nephrotic syndrome.
- (c) Gross and microscopic changes in pneumonia.
- (d) Liver function tests.
- (e) Arthritis.

**SECTION- B**

**Q.3** Define Sterilization. Classify sterilization methods. Write about Moist heat Sterilization. (15)

**OR**

**Q.3** Pathogenesis and Laboratory diagnosis of Tuberculosis. (15)

**Q.4 Write Short Notes (4 out of 5) (5 Marks each)** (20)

- (a) Acquired immunity
- (b) Laboratory diagnosis of Malaria
- (c) Modes of transmission of HIV
- (d) Candidiasis
- (e) Flagella