

**PARUL UNIVERSITY**  
**FACULTY OF PHYSIOTHERAPY**  
**BPT, Examination November 2018**

**Year: 2****Subject Code: 07101203****Subject Name: Pathology and Microbiology****Date: 22/11/2018****Time: 10:00am to 01:00pm****Total Marks: 70****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** Define Amyloidosis and discuss the pathogenesis, morphology and staining properties of amyloid. **(15)**

**OR**

**Q.1** Define Metastasis and describe pathogenesis, routes of spread of metastasis. **(15)**

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

- (a) GOUT
- (b) Septicaemic shock
- (c) Atopy
- (d) Opportunistic infections of AIDS
- (e) Differential diagnosis of intestinal ulcers.

**SECTION- B**

**Q.3** Define sterilization. Enumerate the physical agents of sterilization with detail description about Heat sterilization. **(15)**

**OR**

**Q.3** Define Dysentery. Give details about morphology, pathogenicity & lab diagnosis of salmonella-typhi infection. **(15)**

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

- (a) Pathogenicity of streptococcal Infection.
- (b) Immunoglobulins.
- (c) Pathogenicity of polio virus infection & polio vaccines
- (d) Life cycle of P. Vivax-malaria.
- (e) Hook worm infection