

# P P SAVANI UNIVERSITY

Third Semester of B. P.T. Examination

January 2020

SPPT2030 Pathology & Microbiology

22.01.2020, Wednesday

Time: 09:00 a.m. To 12:00 p.m.

Maximum Marks: 70

**Instructions:**

1. The question paper comprises of two sections.
2. Section I and II must be attempted in separate answer sheets.
3. Make suitable assumptions and draw neat figures wherever required.
4. Use of scientific calculator is allowed.

**SECTION - I**

**Q - 1 Essay Question (Any One) [10]**

- (i) Define Necrosis. Explain its various types.
- (ii) Define Amyloidosis. Classify & give its clinical significance.

**Q - 2 Short Note (Any Two) [10]**

- (i) Reversible injury Vs Irreversible injury
- (ii) Gas gangrene
- (iii) Cellular inflammation

**Q - 3 Very Short Notes (Any Five) [15]**

- (i) Healing of fractured bone
- (ii) Osteoporosis
- (iii) Etiology of leukemia
- (iv) Leukemoid reaction
- (v) Rheumatoid arthritis
- (vi) Factors affecting wound healing
- (vii) Phagocytosis

**SECTION - II**

- Q - 1 Essay Question (Any One)** [10]
- (i) Explain "Dry heat methods of sterilization".
  - (ii) Define Morphology, clinical features and laboratory diagnosis of Staphylococcal diseases.
- Q - 2 Short Note (Any Two)** [10]
- (i) Laboratory diagnosis of TB
  - (ii) Acquired syphilis
  - (iii) General structure of Immunoglobulin
- Q - 3 Very Short Notes (Any Five)** [15]
- (i) Agglutination test
  - (ii) Compliment fixation test
  - (iii) Pseudomonas
  - (iv) Laboratory diagnosis of meningitis
  - (v) Shapes of bacteria
  - (vi) Gangrene
  - (vii) Antigen

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