

Sem 3 B-1

# P P SAVANI UNIVERSITY

Third Semester of B. P.T. Examination  
October 2021

SPPT2030 Pathology & Microbiology

04.10.2021, Monday

Time: 10:00 a.m. To 1:00 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 Inflammation and note down its symptoms. Explain events of acute inflammation in detail.
- (ii) Explain the process of Wound healing. Describe factors affecting Wound healing.
- Q - 2      Short Note(Any Two)      [10]**
- (i) Cell necrosis.
- (ii) Define Diabetes Mellitus. Explain its clinical features.
- (iii) Define tumor. State the difference between benign and malignant tumor.
- Q - 3      Very Short Notes(Any Five)      [15]**
- (i) Oedema.
- (ii) Gangrene.
- (iii) Apoptosis.
- (iv) Cell atrophy.
- (v) Define: Amyloidosis.
- (vi) Healing of fracture of bone.
- (vii) Signs of Acute Inflammation.

**SECTION - II**

- Q - 1      Essay Question(Any One)      [10]**  
(i)      Define Microorganism. Classify them.  
(ii)      Explain the process of Sterilization and Disinfection in detail.
- Q - 2      Short Note(Any Two)      [10]**  
(i)      Syphilis.  
(ii)      Malaria.  
(iii)      Write a note on Tubercle bacilli.
- Q - 3      Very Short Notes(Any Five)      [15]**  
(i)      Draw a diagram of Bacteria and label.  
(ii)      What are antibodies?  
(iii)      AIDS.  
(iv)      Mantoux test.  
(v)      Gram positive bacteria.  
(vi)      Polio virus.  
(vii)      Hepatitis.

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