

B.L. 2
Batch 2018

P P SAVANI UNIVERSITY

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

SPPT2030 Pathology and Microbiology

03.08.2021, Tuesday

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) Explain the process of Wound Healing in detail.
 - (ii) Define Inflammation. Explain vascular events involved in Acute Inflammation.
- Q - 2 Short Note(Any Two) [10]**
- (i) Write a note on Osteoporosis.
 - (ii) Write a note on Pulmonary Tuberculosis.
 - (iii) Explain Atherosclerosis.
- Q - 3 Very Short Notes(Any Five) [15]**
- (i) G6PD deficiency.
 - (ii) Describe components of Blood.
 - (iii) Crohn's disease.
 - (iv) Cellular necrosis.
 - (v) Explain Gangrene.
 - (vi) Write a note on Congenital Heart Disease.
 - (vii) Define Anaemia and its types.

SECTION - II

- Q - 1 Essay Question(Any One) [10]**
- (i) Define Microbiology and Classify Microorganisms.
- (ii) Define Immunity. Explain cellular mediated immunity.
- Q - 2 Short Note(Any Two) [10]**
- (i) Explain AIDS with its diagnosis and prevention methods.
- (ii) Write a note on Sterilization techniques(any 2).
- (iii) Explain Malaria.
- Q - 3 Very Short Notes(Any Five) [15]**
- (i) Draw diagram of bacteria and label parts.
- (ii) Explain diagnosis of Syphilis.
- (iii) Describe Mantoux test.
- (iv) Difference between Gram positive and Gram-negative bacteria.
- (v) State any one process of Disinfection.
- (vi) Explain Jaundice.
- (vii) Explain Meningitis.
