

Reg. No.:.....

**Second Year BPT Degree Supplementary Examinations
September 2019**

Microbiology and Pathology

(2012 Scheme)

Time: 3 hrs

Max marks: 100

- Answer all questions
- Write section A and section B in separate answer books(32 Pages). Do not mix up questions from section A and section B.

Q P Code: 214014 Section A – Microbiology Marks: 50

Essay: (14)

1. Describe in detail the sources of infections to human beings. What are the various modes of spread of infection.

Short notes: (2x8=16)

2. Atypical mycobacteria
3. Laboratory diagnosis of HIV infection

Answer briefly: (5x4=20)

4. Bacterial cell wall
5. Opportunistic mycosis
6. Mycetoma
7. Passive immunity
8. Toxic shock syndrome

Q P Code: 215014 Section B – Pathology Marks: 50

Essay: (14)

1. What are the causative agents and mode of transmission of tuberculosis. Write about its pathogenesis and laboratory diagnosis

Short notes: (2x8=16)

2. Define necrosis. Name the different types of necrosis with examples.
3. Define anaemia. Discuss etiopathogenesis with blood and bone marrow picture in iron deficiency anaemia.

Answer briefly: (5x4=20)

4. Thromboembolism
5. Tetralogy of Fallot
6. Tumour spread
7. Meningitis
8. Osteoarthritis
