

Reg. No.:.....

**Second Year BPT Degree Supplementary Examinations
March 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. Explain the pathogenesis, epidemiology, laboratory diagnosis and prevention of HIV infection.

Short notes:**(2x8=16)**

2. Prophylaxis of poliomyelitis
3. Laboratory diagnosis of tetanus

Answer briefly:**(5x4=20)**

4. Mantoux test
5. Robert Koch
6. Immunoglobulin M (IgM)
7. Rubella virus
8. Disinfectants

Q P Code: 215014**Section B – Pathology****Marks: 50****Essay:****(14)**

1. What is osteomyelitis. Describe about its etiology, pathogenesis, sequence of pathologic changes and complications.

Short notes:**(2x8=16)**

2. Describe about etiopathogenesis, morphologic features and diagnosis of ischemic heart disease.
3. Define and classify shock. Discuss about pathogenesis and complications of shock.

Answer briefly:**(5x4=20)**

4. Alcoholic liver disease
5. Bronchiectasis
6. HIV
7. Carcinogenesis
8. Wound healing
