

**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

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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