

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

**Microbiology and Pathology
(2010 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: 205014

Section A – Microbiology

Marks: 50

Essay:

(10)

1. Enumerate blood born infections. Discuss the laboratory diagnosis and prevention of hepatitis B infection.

Short notes:

(5x5=25)

2. Laboratory diagnosis of staphylococcus aureus infection.
3. Immunoglobulin G (Ig G)
4. Pyrexia of unknown origin
5. Discuss the pathogenicity of human immunodeficiency virus
6. Biomedical waste management

Answer briefly:

(5x3=15)

7. Opportunistic infections
8. Name three microbes causing sexually transmitted infections
9. Post exposure prophylaxis
10. Leprosy
11. Antimicrobial susceptibility testing

Q P Code: 206014

Section B – Pathology

Marks: 50

Essay:

(10)

1. Define edema. Discuss etiopathogenesis and types of edema.

Short notes:

(5x5=25)

2. Pyogenic meningitis
3. Define metaplasia with examples
4. Classification and microscopy of leprosy
5. Morphology of osteosarcoma.
6. Hashimoto`s thyroiditis

Answer briefly:

(5x3=15)

7. Types of emphysema
8. Mention three laboratory diagnosis of beta thalassemia
9. Cardinal signs of inflammation
10. Four examples of congenital heart diseases
11. Classify bleeding disorders
