

Reg. No.:.....

**Second Year BPT Degree Supplementary Examinations  
March 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. Discuss the mode of transmission and laboratory diagnosis of acquired immunodeficiency syndrome.

**Short notes:** (5x5=25)

2. Helicobacter
3. Autoclave
4. Discuss type 1 hypersensitivity
5. Discuss rheumatic fever and its diagnosis
6. Pelvic inflammatory disease

**Answer briefly:** (5x3=15)

7. Candidiasis
8. Name three microbes causing urinary tract infection
9. Universal precautions
10. Hepatitis B vaccine.
11. Define zoonotic diseases and give two examples

**Q P Code: 206014      Section B – Pathology      Marks: 50**

**Essay:** (10)

1. Define thrombus. Discuss etiopathogenesis and fate of thrombus.

**Short notes:** (5x5=25)

2. Rheumatic heart disease
3. Hemophilia A
4. Infarction
5. Hepatitis
6. Myxedema

**Answer briefly:** (5x3=15)

7. Bronchitis
8. Types of cirrhosis
9. Mention four complications of diabetes mellitus
10. Mention types of hypersensitivity reactions
11. Atrophy

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