

**Second Year BPT Degree Examinations August 2017****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. Classify Hepatitis virus. Give an account of lab diagnosis and prophylaxis of Hepatitis B

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

2. Explain about cell mediated immunity
3. Clinical features and laboratory diagnosis of pulmonary tuberculosis

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

4. Pasteurization
5. Clostridium tetani
6. Anaerobic infections
7. Pelvic inflammatory diseases
8. Basic structure and classification of virus

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

1. Define inflammation and explain in detail about acute and chronic inflammation.

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

2. Pathogenesis and laboratory diagnosis of pneumonia
3. Explain about thrombosis and embolism

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

4. Define edema and its types
5. Define Neoplasm and give it's classification
6. Aneurysm
7. Myocardial infarction
8. Reversible cell injury