

(New Scheme)

Reg. No.:.....

**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

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**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

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