

Reg. No.:.....

**Second Year BPT Degree Supplementary Examinations  
September 2018****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. Describe the pathogenesis and laboratory diagnosis of rabies. Add a note on its prophylaxis.

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

2. Describe the moist heat sterilization.
3. Pathogenesis and laboratory diagnosis of cholera

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

4. Laboratory diagnosis of staphylococcus aureus.
5. Life cycle of plasmodium falciparum
6. ELISA
7. Candida albicans.
8. Meningitis

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

1. Classify bone tumors. Describe morphology and clinical features of osteosarcoma

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

2. Describe causes, morphology and clinical features of cerebral infarction
3. Define inflammation. Describe the vascular and cellular events in acute inflammation

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

4. Define edema. What are the types of edema
5. Obesity
6. Tuberculous meningitis
7. Gouty arthritis
8. Iron deficiency anemia

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