

**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

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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