

**Second Year BPT Degree Supplementary Examinations August 2017****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. Name the virus causing acute flaccid paralysis (poliomyelitis) with morphology. Briefly describe the clinical features, pathogenesis and complications. How the disease is prevented.

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

2. Autoclave
3. chemical disinfectants used in hospital for high level disinfection and purpose of each
4. Acute respiratory infections
5. Streptococcal infections
6. Vaccine preventable bacterial infections

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

7. Define epidemic, endemic and pandemic
8. THREE vector-borne diseases (name the vector and disease caused)
9. THREE hospital acquired infections
10. HIV infection
11. Three deep mycotic infections and causative agent

Q P Code: 206014**Section B – Pathology****Marks: 50****Essay:****(10)**

1. Describe the types and pathogenesis of shock.

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

2. Classification of amyloidosis.
3. Osteogenic sarcoma.
4. Renal calculi.
5. Iron deficiency anemia.
6. Basal cell carcinoma

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

7. Granulation tissue.
8. Marasmus and Kwashiorkor.
9. Primary complex.
10. Chemical carcinogens.
11. Three causes of lymph node enlargement.