



Second Year BPT Degree Supplementary Examinations - April 2016

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. Define sterilization. List the various moist heat methods of sterilization. Explain the uses of autoclave in detail

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

2. Bacterial spore
3. Universal precautions
4. CD₄T (helper) cells
5. Laboratory diagnosis of HIV infection
6. Candida albicans

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

7. Significant bacteruria
8. Post exposure prophylaxis of rabies
9. Gas gangrene
10. Toxins of Staphylococci.
11. Widal test.

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

1. Define inflammation. Describe in detail about granulomatous inflammation.

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

2. Meningioma
3. Osteomyelitis
4. Lab diagnosis of iron deficiency anemia
5. Kwashiorkor
6. Lepromatous leprosy

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

7. Warthin tumor
8. Nephrotic syndrome
9. Cysticercosis
10. Gout
11. Hashimoto thyroiditis