



Second Year BPT Degree Supplementary Examinations - September 2014
(2010 Scheme)

MICROBIOLOGY AND PATHOLOGY**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 and classify hypersensitivity. Discuss type I hypersensitivity

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

2. Bacterial growth curve
3. Autoclave
4. Laboratory diagnosis of acute rheumatic fever
5. Cryptococcus neoformans
6. Polio virus

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

7. Routes of transmission of hepatitis B virus
8. Transport medium for vibrio cholerae
9. Prophylaxis for pulmonary tuberculosis
10. Disc diffusion methods of antibiotic sensitivity testing
11. Nagler reaction

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

1. Name the vascular lesions of the central nervous system. Describe the etiology, pathology and complications of any one of them.

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

2. Amyloidosis
3. Granulomatous inflammation
4. Lepromatous leprosy
5. Opportunistic infections
6. Metastasis

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

7. Vitamin D deficiency
8. Leukemoid reaction
9. Endocarditis
10. Pleomorphic adenoma
11. Basal cell carcinoma