



Second Year BPT Degree Supplementary Examinations - October 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. Explain in detail about the pathogenesis, lab diagnosis and prophylaxis of HIV

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

2. Acquired immunity
3. Chemical disinfectant
4. Morphology of bacteria
5. Laboratory diagnosis of pulmonary tuberculosis
6. Vibrio cholera

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

7. Mantoux test
8. What are the diseases produced by anaerobic bacteria
9. List the organism causing sexually transmitted diseases
10. Asepsis
11. Hepatitis B

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

1. Write the definition, classification and biological behaviour of benign and malignant neoplasms

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

2. Wound healing
3. Sickle cell anemia
4. Marasmus and kwashiorkor
5. Explain the process of thrombus formation
6. Poliomyelitis

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

7. Mention the stages of lobar pneumonia
8. Write two differences between hyperplasia and hypertrophy
9. Atrophy
10. Classify ischemic heart disease
11. Syringomyelia