



Second Year BPT Degree Supplementary Examinations – October 2015

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. Enumerate the causes of pyrexia of unknown origin. Describe the laboratory diagnosis of typhoid

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

2. Bacterial cell wall
3. Candida albicans
4. Chemical disinfectants
5. Polio virus
6. Prophylaxis against tetanus

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

7. Nagler reaction
8. Acid fast staining
9. Blood agar
10. Bacteroides
11. Routes of transmission of HIV

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

1. Classify meningitis. Describe the pathology and laboratory diagnosis of meningitis

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

2. Cardiac edema
3. Thrombosis
4. Lab diagnosis of AIDS
5. Sickle cell anaemia
6. Metastasis

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

7. Vitamin D deficiency
8. Types of gangrene
9. Causes of hematuria
10. Alcoholic cirrhosis
11. Ulcer