

Reg. No.:

Second Year **BPT** Degree Examinations - October 2012**MICROBIOLOGY AND PATHOLOGY**

Time: 3 hrs

Max marks: 100

- Answer all questions
- Write section A and section B in separate answer books. 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 agents causing meningitis. Discuss the laboratory diagnosis of acute bacterial meningitis.

Short notes:**(5X5=25)**

2. Opportunistic fungal infections in AIDS
3. Chemical disinfectants
4. Mechanisms of acquired immunity
5. Mycobacterium
6. Laboratory diagnosis of syphilis

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

7. Post streptococcus sequelae
8. Bacteroides
9. Ridley and Jopling classification of leprosy
10. Routes of transmission of bacillus anthracis
11. Structure of an enveloped virus

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

1. Classify arthritis. Describe the features of rheumatoid arthritis.

Short notes:**(5X5=25)**

2. Pathogenesis of shock
3. Fracture healing
4. Megaloblastic anemia
5. Filariasis
6. Thrombosis

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

7. Atrophy
8. Necrosis
9. Asbestosis
10. Ulcer
11. Tuberculosis meningitis
