

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

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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
