

Second Year **BPT** Degree Supplementary Examinations - June 2013**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. Describe the pathogenesis, laboratory diagnosis and methods of prevention of pulmonary tuberculosis

Short notes: (5x5=25)

2. Candida albicans
3. Laboratory diagnosis of cholera
4. Hot air oven
5. Pathogenesis of poliomyelitis
6. Functions of T cells

Answer briefly: (5x3=15)

7. Classification of bacteria based on morphology
8. Rapid plasma reagin card test
9. Significant bacteriuria
10. Routes of transmission of HIV
11. Enumerate the parasites causing malaria

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

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

Short notes: (5x5=25)

2. Gangrene
3. Brain Abscess
4. Cardiac oedema
5. Leukoplakia
6. Malignant melanoma

Answer briefly: (5x3=15)

4. Hypertrophy
5. Scurvy
6. Sickle cell anemia
7. Gastritis
8. Alcoholic cirrhosis