

Reg. No.: .....

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

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