



Second Year BPT Degree Examinations - October 2015

MICROBIOLOGY AND PATHOLOGY**(2012 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: 214014**Section A – Microbiology****Marks: 50****Essay:****(14)**

1. Classify mycobacteria. Discuss the pathogenesis and laboratory diagnosis of pulmonary tuberculosis. Add a note on BCG

Short notes:**(2x8=16)**

2. Name the etiological agents of meningitis. Describe in detail pathogenesis and laboratory diagnosis of neisseria meningitidis
3. Describe in detail morphology, clinical features and laboratory diagnosis of hepatitis B virus

Answer briefly:**(5x4=20)**

4. Malignant pustule
5. Candidiasis
6. Hot air oven
7. Urinary tract infection
8. Microfilaria

Q P Code: 215014**Section B – Pathology****Marks: 50****Essay:****(14)**

1. Discuss rheumatic heart disease and mention the types of endocarditis

Short notes:**(2x8=16)**

2. CSF findings in pyogenic meningitis and tubercular meningitis
3. Phagocytosis

Answer briefly:**(5x4=20)**

4. Hashimoto's thyroiditis
5. Involucrum
6. Barrett's esophagus
7. Odema
8. Hyaline change
