

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