

(New Scheme)

Reg. No.:.....

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
