

2012 Scheme

Reg. No.:.....

Second Year BPT Degree Supplementary Examinations March 2020

Microbiology and Pathology

Time: 3 hrs

Max marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*
- *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. Name the primary agents of meningitis. Describe in detail the clinical features, laboratory diagnosis and prophylaxis of pneumococcal meningitis.

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

2. Define and classify hypersensitivity. Discuss type IV hypersensitivity.
3. Describe in detail the modes of transmission and laboratory diagnosis of HIV infection

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

4. Autoclave
5. Candida albicans
6. Non suppurative complications of streptococcus pyogenes
7. Laboratory diagnosis of filariasis
8. Universal precautions

Q P Code: 215014 Section B – Pathology Marks: 50

Essay: **(14)**

1. Classify anemia. Describe in detail the clinical features and laboratory diagnosis of iron deficiency anemia.

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

2. Mention the pathogenesis of thrombus formation
3. Describe the types of pathological calcification in detail

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

4. Parkinsonism
5. Pyogenic meningitis
6. Complications of diabetes mellitus
7. Neurological changes in syphilis
8. Occupational lung diseases