

2012 Scheme

Reg. No.:.....

Second Year BPT Degree Supplementary Examinations February 2022

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. Classify hypersensitivity reactions. Describe type I hypersensitivity reaction.

Short notes: (2x8=16)

2. Pathogenesis and laboratory diagnosis of poliomyelitis.
3. Etiological agents and laboratory diagnosis of wound infections

Answer briefly: (5x4=20)

4. Autoclave.
5. Laboratory diagnosis of pulmonary tuberculosis
6. Dermatophytes
7. Life cycle of wuchereria bancrofti.
8. Bacterial growth curve

Q P Code: 215014 Section B – Pathology

Marks: 50

Essay: (14)

1. Define thrombosis. Describe pathophysiology of thrombosis and fate of thrombus

Short notes: (2x8=16)

2. Describe healing of fractured bone
3. Define neoplasm. What are the differences between benign and malignant neoplasms

Answer briefly: (5x4=20)

4. Vitamin D deficiency
5. Define necrosis. What are the types of necrosis
6. Bronchiectasis
7. Osteoarthritis
8. Poliomyelitis
