

2012 Scheme

Reg. No.:.....

Second Year BPT Degree Supplementary Examinations January 2025

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. Define Sterilization. Describe in detail the different methods of dry heat sterilization.

Short notes: (2x8=16)

2. Antimicrobial susceptibility testing methods and interpretation of susceptibility tests
3. Clinical features and laboratory diagnosis of Hepatitis B infection

Answer briefly: (5x4=20)

4. Dermatophytes
5. Agglutination reaction.
6. Acute Rheumatic fever
7. Structure and function of IgG with diagram
8. Clinical feature and laboratory diagnosis of filariasis

Q P Code: 215014 Section B – Pathology

Marks: 50

Essay: (14)

1. Define shock. Discuss the types and pathogenesis of shock. Write a note on morphological changes in various organs in shock.

Short notes: (2x8=16)

2. Define necrosis. Discuss the various types of necrosis
3. Enumerate the common congenital heart diseases. Discuss in detail Tetralogy of Fallot

Answer briefly: (5x4=20)

4. Discuss the types of renal calculi
5. Vascular events in acute inflammation
6. Poliomyelitis
7. Emphysema
8. Type 1 hypersensitivity reaction
