

2012 Scheme

Reg. No.:.....

Second Year BPT Degree Supplementary Examinations June 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 Pyrexia of Unknown Origin (PUO). What are the etiological agents of PUO.
Describe the pathogenesis and laboratory diagnosis of enteric fever

Short notes: (2x8=16)

2. Pathogenesis and laboratory diagnosis of pulmonary tuberculosis
3. Antimicrobial susceptibility testing and interpretation

Answer briefly: (5x4=20)

4. Agglutination reaction
5. Laboratory diagnosis of filariasis
6. Hepatitis A virus
7. Polio vaccines
8. Candida albicans

Q P Code: 215014 Section B – Pathology

Marks: 50

Essay: (14)

1. Define Neoplasia. Mention the difference between benign and malignant neoplasms.
Mention the routes of spread of malignant neoplasms

Short notes: (2x8=16)

2. Define edema and mention the types. Discuss the pathogenesis of cardiac edema
3. Describe the pathogenesis and pathological features in primary pulmonary tuberculosis

Answer briefly: (5x4=20)

4. Rickets
5. Peripheral neuropathies
6. Iron deficiency anemia
7. Tetralogy of Fallot
8. Environmental carcinogens
