

2012 Scheme

Reg. No.:.....

Second Year BPT Degree Supplementary Examinations July 2023

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. Write in detail about the aetiology, pathogenesis, clinical features prophylaxis of Poliomyelitis

Short notes: (2x8=16)

2. Type I Hypersensitivity reaction
3. Moist heat sterilisation under pressure

Answer briefly: (5x4=20)

4. Pathogenesis and laboratory diagnosis of vertebral tuberculosis
5. Candidiasis
6. Significant bacteriuria
7. Prophylaxis of Hepatitis B infection
8. Life cycle of filariasis

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

Essay: (14)

1. Define inflammation. Describe the vascular and cellular events acute in inflammation

Short notes: (2x8=16)

2. Pathological calcification
3. Describe the pathogenesis and lab diagnosis of pulmonary tuberculosis

Answer briefly: (5x4=20)

4. Modes of transmission of HIV infection
5. Type IV Hypersensitivity reaction
6. Poliomyelitis
7. Grave's disease
8. Gout
