

2012 Scheme

Reg. No.:.....

Second Year BPT Degree Supplementary Examinations August 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. Write in detail about the aetiology, pathogenesis, clinical features and lab diagnosis of pulmonary tuberculosis. Add a note on laboratory diagnosis of bone and joint tuberculosis

Short notes: (2x8=16)

2. Active immunity
3. Mode of transmission, pathogenesis and laboratory diagnosis of HIV infection

Answer briefly: (5x4=20)

4. Prophylaxis of Poliomyelitis
5. Complications of Plasmodium falciparum infection
6. Define zoonosis with examples
7. Prophylaxis of Tetanus
8. IgM antibody

Q P Code: 215014 Section B – Pathology

Marks: 50

Essay: (14)

1. Describe wound healing by primary and secondary unions with a special note on fracture healing. Mention the factors affecting wound healing.

Short notes: (2x8=16)

2. Describe the pathogenesis and morphology of Alcoholic Liver Disease.
3. Define and classify shock. Describe the pathogenesis of septic shock.

Answer briefly: (5x4=20)

4. Chemical carcinogenesis
5. Alzheimer's disease
6. Vitamin D deficiency
7. Hashimoto's thyroiditis
8. Sequestrum
