

2012 Scheme

Reg. No.:.....

Second Year BPT Degree Supplementary Examinations July 2024

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 and classify hypersensitivity. Briefly describe Type 1 Hypersensitivity reaction

Short notes: (2x8=16)

2. Describe pathogenesis and laboratory diagnosis of Pulmonary Tuberculosis
3. Antimicrobial resistance spectrum of activity.

Answer briefly: (5x4=20)

4. Bacterial growth curve
5. Opportunistic fungal infections
6. Write briefly on laboratory diagnosis of viral diseases
7. Staphylococcal toxins
8. Prophylaxis of Rabies

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

Essay: (14)

1. Define Anaemia. Classify Anaemia. Briefly discuss the clinical features and lab diagnosis of Anaemia

Short notes: (2x8=16)

2. Pneumoconiosis
3. Risk factors of Atherosclerosis

Answer briefly: (5x4=20)

4. Acute glomerulonephritis
5. Pathological calcification
6. Protein energy malnutrition
7. Write four differences between benign and malignant tumors
8. Lab diagnosis of HIV infection
