

2010 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: 205014 Section A – Microbiology Marks: 50

Essay: (10)

1. Classify Mycobacteria. Describe in detail morphology, pathogenesis, clinical features, complications and laboratory diagnosis of Mycobacterium Tuberculosis.

(1+1+2+2+1+3) (5x5=25)

Short notes:

2. Laboratory diagnosis of Bacillus anthracis.
3. Describe in detail Pathogenesis and laboratory diagnosis of Vibrio cholera
4. Describe in detail pathogenesis and laboratory diagnosis of Vibrio cholera.
5. Describe in detail the pathogenesis and laboratory diagnosis of Filariasis

Answer briefly: (5x3=15)

7. Name three fungi causing subcutaneous mycoses
8. Define Zoonosis, name four zoonotic Infections
9. Define Asepsis, Sterilisation and Disinfection
10. Define agglutination, name types of agglutination with examples
11. Enumerate four bacteria causing UTI and what is Kass criteria

Q P Code: 206014 Section B – Pathology Marks: 50

Essay: (10)

1. Write in detail about primary and secondary wound healing. What are the factors affecting wound healing

Short notes: (5x5=25)

2. Systemic lupus erythematosus
3. Edema
4. Nephrotic syndrome
5. Carcinoma stomach
6. Leukemoid reaction

Answer briefly: (5x3=15)

7. Osteomyelitis
8. Vitamin C deficiency
9. Nutmeg liver
10. Peptic ulcer
11. Cross matching
