

2010 Scheme

Reg. No.:.....

Second Year BPT Degree Supplementary Examinations January 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 Clostridia. Describe in detail morphology, pathogenesis, clinical features complications and laboratory diagnosis of Clostridium tetani.

Short notes: (5x5=25)

2. Laboratory Diagnosis of Plasmodium falciparum
3. Define Immunity and enumerate the different types of Immunity with examples.
4. Describe in detail pathogenesis, clinical features and laboratory diagnosis of Staphylococcus auerus.
5. Describe in detail pathogenesis, clinical features and laboratory diagnosis of poliovirus.
6. Describe in detail the pathogenesis and laboratory diagnosis of Candida albicans

Answer briefly: (5x3=15)

7. Name three fungi causing systemic mycoses
8. Name three sexually transmitted infections
9. Define Endogenous, exogenous and nosocomial infections.
10. Define precipitation, name different types of precipitation reactions with examples.
11. Name three DNA viruses and diseases caused by them.

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

Essay: (10)

1. Write in detail about the aetiology, pathogenesis and morphology of myocardial infarction

Short notes: (5x5=25)

2. Amyloidosis
3. Hypersensitivity reactions
4. Embolism
5. Aetiology and morphological changes in pneumonia
6. Papillary carcinoma thyroid

Answer briefly: (5x3=15)

7. Parkinsonism
8. Types of jaundice
9. Aplastic anaemia
10. Malignant melanoma
11. Hashimoto's thyroiditis
