

Reg. No.

**Second Year BPT Degree Regular/Supplementary Examinations
November 2025**

**Pathology & Microbiology
(2016 Scheme)**

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*
- *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: 224014

Section A – Pathology

Marks: 50

Essays

(15)

1. Describe the cellular events in acute inflammation

Short Essays

(2x10=20)

2. Define Anaemia. Give the classification of anaemia. Discuss about megaloblastic anaemia
3. Classify bone tumours and discuss about Ewing's sarcoma

Short Answers

(5x3=15)

4. Liver Cirrhosis
5. Systemic Lupus Erythematosus (SLE)
6. Pathologic calcification
7. Hashimoto's thyroiditis
8. Myocardial Infarction

Q P Code: 225014

Section B – Microbiology

Marks: 50

Essays

(15)

1. Define infection. Write in detail about the sources of infection and modes of transmission with examples. Write briefly about bacterial structures associated with virulence

(1+4+5+5)

Short Essays

(2x10=20)

2. Pathogenesis and prophylaxis of poliomyelitis
3. Mode of transmission and laboratory diagnosis of Tuberculosis

Short Answers

(5x3=15)

4. Standard work precautions
5. Candidiasis
6. Hypochlorite as a chemical disinfectant
7. Active immunity
8. Laboratory diagnosis of HIV infection
