

Reg. No.

**Second Year BPT Degree Regular/Supplementary Examinations
January 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. Define shock. Discuss the pathogenesis, types and morphological changes in various organs seen in shock. (1+5+5+4)

Short Essays

(2x10=20)

2. Classify anemia. Discuss the clinical features & lab diagnosis of iron deficiency anemia
3. Discuss Diabetes Mellitus, discuss types and pathogenesis

Short Answers

(5x3=15)

4. Nephrotic Syndrome
5. Pulmonary Tuberculosis
6. Gout
7. Lobar Pneumonia
8. Poliomyelitis

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Section B – Microbiology

Marks: 50

Essays

(15)

1. Write in detail about the morphology of bacteria

Short Essays

(2x10=20)

2. Pathogenesis and laboratory diagnosis of Staphylococcal infections
3. Sporicidal agents used in hospital

Short Answers

(5x3=15)

4. Mode of transmission and risk of transmission in HIV infection
5. T lymphocytes
6. Prophylaxis of Hepatitis B infection
7. Laboratory diagnosis of spinal tuberculosis
8. IgA antibody
