

Reg. No.

**Second Year BPT Degree Regular/Supplementary Examinations
February 2024**

**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 Necrosis. What are the types of necrosis. Describe the morphology of each type of necrosis.

Short Essays

(2x10=20)

2. Classify Bone tumors and discuss the pathology of Osteogenic sarcoma.
3. Explain the aetiopathogenesis and lab diagnosis of Iron deficiency anaemia.

Short Answers

(5x3=15)

4. Rickets.
5. Hashimotos thyroiditis.
6. Stages of lobar pneumonia.
7. Differences between benign and malignant tumours.
8. Morphology of Cirrhosis Liver.

Q P Code: 225014

Section B – Microbiology

Marks: 50

Essays

(15)

1. Define disinfection. Classify disinfectants and write in detail about different disinfectants used in hospital wards. (1+8+6=15)

Short Essays

(2x10=20)

2. Normal flora of Human Body
3. Lab diagnosis of Tuberculosis

Short Answers

(5x3=15)

4. Rheumatic fever
5. Antibiotic susceptibility testing and interpretation
6. Opportunistic infections in HIV
7. Laboratory diagnosis of fungal infections
8. IgM Antibody with diagram
