

**Second Year BPT Degree Regular/Supplementary Examinations
February 2023**

**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 anaemia and classify. Give the aetiology of iron deficiency anaemia. Explain in detail clinical features and lab diagnosis of iron deficiency anaemia. (4+4+7)

Short Essays

(2x10=20)

2. Define repair. Explain in detail wound healing by primary union.
3. Define shock and classify. Explain the etiopathogenesis of cardiogenic shock.

Short Answers

(5x3=15)

4. Chronic venous congestion lung.
5. Kwashiorkor.
6. Rickets.
7. Aneurysm.
8. Gastric ulcer.

Q P Code: 225014

Section B – Microbiology

Marks: 50

Essays

(15)

1. Discuss the different routes and source of infections with suitable example.

Short Essays

(2x10=20)

2. Antimicrobial drug resistance and its implications in patient care.
3. Urinary tract infection.

Short Answers

(5x3=15)

4. Name three organism causing meningitis.
5. Modes of transmission of HIV.
6. Name three organisms coming under Mycobacterium genus.
7. Prophylaxis against Salmonella typhi.
8. IgG antibody.
