

Reg. No.

**Second Year BPT Degree Regular/Supplementary Examinations
February 2022**

**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 inflammation and name the types. Mention the features and causes of acute inflammation and explain in detail the vascular events (4+4+7)

Short Essays

(2x10=20)

2. Define gangrene and classify. Explain in detail gas gangrene.
3. Define embolism. Explain in detail fat embolism.

Short Answers

(5x3=15)

4. Fate of a thrombus.
5. Chemical carcinogens.
6. Type 1 hypersensitivity reaction.
7. Fallot's tetralogy
8. Complications of diabetes mellitus

Q P Code: 225014

Section B – Microbiology

Marks: 50

Essays

(15)

1. Define sterilization and disinfection. List three disinfectants used in hospital. Write a note on Autoclave.

Short Essays

(2x10=20)

2. Universal precautions.
3. Morphology mode of transmission and Laboratory diagnosis of staphylococci

Short Answers

(5x3=15)

4. List three viral vaccines.
5. Dermatophytes.
6. Explain zoonotic infections, give two examples.
7. List three sexually transmitted infections.
8. List three opportunistic infections.
