

**Second Year Bachelor of Occupational Therapy Regular Examinations
November 2022**

Introduction to Pathology and Microbiology

Time: 3 Hours

Total 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*
- *Draw table/diagrams/flow charts wherever necessary*

QP CODE: 201022

Section A: Pathology

Max. Marks: 50

Essay

(20)

1. Define necrosis. What are the causes of necrosis. Describe different types of necrosis.

Short Notes

(4x5=20)

2. Bronchial Asthma
3. Myocardial Infarction
4. Pathogenesis and morphology of shock
5. Describe types of meningitis

Short Answers

(5X2=10)

6. Tuberculoid Leprosy
7. Vitamin D deficiency
8. Vascular events of acute inflammation
9. Four differences between benign and malignant tumors
10. Poliomyelitis

QP CODE: 202022

Section B: Microbiology

Max. Marks: 50

Essay

(20)

1. Define Hospital Acquired Infections (HAI). Enumerate the major types of HAI.
Describe any ONE of them in detail.

(2+4+14)

Short Notes

(4x5=20)

2. Moist heat sterilization
3. Post exposure prophylaxis of rabies
4. Serological markers of Hepatitis B virus infection
5. Bacterial meningitis

Short Answers

(5X2=10)

6. Define Artificial active immunity with one example
7. Contributions of Louis Pasteur in Microbiology
8. Name two sporicidal disinfectants
9. Bacterial flagella
10. Name two bacteria causing diarrhoea
