

Reg. No:

**Second Year Bachelor of Occupational Therapy Supplementary
Examinations May 2023**

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 neoplasia. What are the differentiating features between benign and malignant tumours. Explain briefly on the routes of metastasis of malignant tumours. Name three benign and three malignant tumours each.

Short Notes (4x5=20)

2. Pathologic calcification
3. Atherosclerosis
4. Leprosy
5. Down's syndrome

Short Answers (5X2=10)

6. Granuloma and granulation tissue
7. Chronic bronchitis
8. Types of gangrene with examples
9. Complications of shock
10. Define and classify inflammation.

QP CODE: 202022

Section B: Microbiology

Max. Marks: 50

Essay (20)

1. Write in detail about Hospital acquired infections and bacterial agents causing hospital acquired infections. Add a note on standard precautions

Short Notes (4x5=20)

2. Enteric fever
3. Viral hepatitis
4. Bacterial pneumonia
5. Innate immunity

Short Answers (5X2=10)

6. Bacterial spore
7. Biomedical waste management
8. Infections caused by Candida
9. Antiseptics
10. Robert Koch
