

**Second Year Bachelor of Occupational Therapy Supplementary
Examinations February 2024**

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 Anemia. Classify anemias based on etiology. Write a short note on iron deficiency anemia.

Short Notes (4x5=20)

2. Cellular events of acute inflammation
3. Apoptosis
4. Cutaneous wound healing
5. Atherosclerosis

Short Answers (5X2=10)

6. Scleroderma
7. Duchenne muscular dystrophy
8. Vitamin A deficiency
9. Four causes of lobar pneumonia
10. Gangrene

QP CODE: 202022

Section B: Microbiology

Max. Marks: 50

Essay (20)

1. Define Immunity. Classify immunity. Describe Acquired immunity in detail with suitable examples. (1+4+15)

Short Notes (4x5=20)

2. Laboratory diagnosis of pulmonary tuberculosis.
3. Prophylaxis of poliomyelitis
4. Urinary tract infection
5. Antibiotic susceptibility tests

Short Answers (5X2=10)

6. Name two bacteria causing sexually transmitted infections
7. Bacterial spore
8. Name two airborne infections
9. Define hypersensitivity reaction
10. Asexual reproduction methods in bacteria
