

Reg. No:

**Second Year Bachelor of Occupational Therapy Degree Supplementary
Examinations March 2026
Biochemistry and Pharmacology
(2020 Scheme)**

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: 203022

Section A: Biochemistry

Max. Marks: 50

Elaborate On

(20)

1. (a) Digestion and absorption of proteins.
(b) Sources, functions and deficiency manifestations of Vitamin D.

Short Notes On

(4x5=20)

2. ELISA.
3. Classification of enzymes with examples.
4. Detoxification.
5. Atherosclerosis.

Short Answers

(5X2=10)

6. Renal function test.
7. Therapeutic applications of radioactivity.
8. Wilson's disease.
9. G-6 PD deficiency.
10. Metabolic acidosis.

QP CODE: 204022

Section B: Pharmacology

Max. Marks: 50

Essay

(20)

1. Enumerate various routes of drug administration with one example of drug each.
Describe the advantages and disadvantages of intravenous route of administration.

Short Notes

(4x5=20)

2. Uses and adverse effects of heparin.
3. Inhalational therapy for the treatment of asthma.
4. Drug treatment of acute muscle spasm.
5. Enumerate three groups of antiepileptics with an example each. Write the mechanism of action and uses of Phenytoin.

Short Answers

(5X2=10)

6. Mention four uses of Diazepam.
7. Name four antiemetics.
8. Name four betalactam antibiotics.
9. Name four diuretics.
10. Name four general anesthetics.

CORRECTION / NO-CORRECTION FILE
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QPCODE: 203022

Dated: 18-03-2026

QP CODE : 203022 & QP CODE : 204022

There are no corrections in today's question paper.

This matter to be announced by the Chief Supdt./Invigilator and get the signature of two students - one from the front row and one from the back row, as a proof of this announcement.

(Sd/-)

CONTROLLER OF EXAMINATIONS