

Reg. No:

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

Biochemistry and Pharmacology

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. Describe glycolysis. Explain the regulation of blood glucose

Short Notes On

(4x5=20)

2. Classification of lipids with examples
3. Electron transport chain
4. Factors affecting enzyme activity
5. Detoxification

Short Answers

(5X2=10)

6. Disorders of iron deficiency
7. RIA
8. Fluid mosaic model of plasma membrane
9. Sources of vitamin C
10. Enzymes used as liver function tests

QP CODE: 204022

Section B: Pharmacology

Max. Marks: 50

Essay

(20)

1. Enumerate the different groups of Anti-Epileptic drugs with an example each. Write the mechanism of action, therapeutic uses and adverse effects of Phenytoin.

Short Notes

(4x5=20)

2. Mention the routes of administration, therapeutic uses and adverse effects of Nitrates.
3. Atropine substitutes used in pharmacotherapy.
4. Write briefly on the drugs used in the treatment of Pulmonary Tuberculosis.
5. Mention in detail the parenteral route of drug administration.

Short Answers

(5X2=10)

6. Name four drugs used in the treatment of Peptic Ulcer
7. Name four drugs used in the treatment of Amoebiasis
8. Name four drugs used as Antiarrhythmics
9. Name four adverse effects of Morphine.
10. Name four Diuretics.
