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BACHELOR OF PHYSIOTHERAPY (B. P. T.)
EXAMINATION : MARCH - 2023
FIRST YEAR
Subject: Biochemistry (BPT- 21103)

Date: 06/03/2023

Total Marks: 40

Time: 10.00 am to 12.00 pm

SECTION – A

Q.1 Answer the following questions in short (Any Five) (15)

- a. Discuss functions of calcium
- b. Write short on Gout
- c. Draw schematic representation of Citric acid cycle
- d. Explain factors affecting BMR
- e. Explain factors affecting enzyme action
- f. Name ketone bodies. Elaborate the pathway of ketogenesis

Q.2 Answer the following questions (Any Five) (25)

- a. Write dietary sources, biochemical functions and deficiency manifestations of Vitamin B1.
- b. Describe mechanisms and biochemical events during muscle contraction.
- c. Define Proteins. Classify proteins depending on their functions with suitable examples.
- d. Give an account of diagnostic use of enzymes and isoenzymes.
- e. Explain Krebs Cycle
- f. Explain oxidation of palmitic acid along with its energetics.
