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

Date: 23/11/2023

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. State the deficiency manifestations of Vitamin A
- b. What is Ketosis? Mention the conditions of Ketosis.
- c. Draw electrons transport chain with stages of ATP formation.
- d. Describe diagnostic applications of Enzymes.
- e. Explain functional classification of proteins.
- f. What are Phospholipids? Enumerate the functions.

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

- a. Describe urea cycle with its significance.
 - b. Describe beta oxidation of palmitate with its energetics.
 - c. Describe sources, RDA, Biochemical role and deficiency manifestations of calcium.
 - d. What is BMR? Describe factors affecting BMR.
 - e. Describe TCA cycle with its significance.
 - f. What are liver function tests? Describe any two tests in detail.
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