

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATIONS-2022

B.Tech-IV Semester (CS/IT/ECE/Civil/BT)

COURSE CODE (CREDITS): 19B1WBT732 (3)

MAX. MARKS: 25

COURSE NAME: Food Nutrition and Health Care

COURSE INSTRUCTORS: Dr. Udayabanu, M.

MAX. TIME: 1 Hour and 30 Minutes

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*Note: All questions are compulsory. Marks are indicated against each question in square brackets.*

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- Q1. Major minerals are essential for the physiological functioning. Give the functions of Calcium and Phosphorus. [5 Marks] (CO1,2)
- Q2. Name the animal and plant source of Vitamin A. Why Vitamin A is essential to be included in the diet? Explain the functions and deficiency of Vitamin A. [5 Marks] (CO1,2)
- Q3. The acid-base buffer system uses electrolytes and hydrogen ions to maintain a normal extracellular fluid pH of approximately 7.4. Explain. [5 Marks] (CO1,2)
- Q4. Is all stress bad? What Makes Something Stressful? How would you manage stress? [5 Marks] (CO3)
- Q5. When would you state that a person is diabetic? How can you monitor diabetes? Name some drugs used for the management of diabetes. [5 Marks] (CO3)