

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATIONS-2022

B.Tech-VII Semester (Open Elective)

COURSE CODE (CREDITS): 19B1WBT732 (3)

MAX. MARKS: 15

COURSE NAME: Food Nutrition and Health Care

COURSE INSTRUCTORS: Dr. Udayabanu

MAX. TIME: 1 Hour

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

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- Q1. Table sugar is sweeter than Maltose. How would you justify this notion? Try to mention the monosaccharides of table sugar and maltose. [2Marks] (CO1 &2)
- Q2. Lactose intolerance is a disturbance in human physiological processes. What causes this condition? [3Marks] (CO2)
- Q3. Discuss why Aspartame should not be prescribed to a patient with genetic disorder such as phenylketonurea? [2 Marks] (CO2)
- Q4. Whales can jump deep into water/ocean and Camels can remain without water for a long time. Does nutrition has any role to play? Explain. [2 Marks] (CO1&2)
- Q5. High Density Lipoproteins and Low Density Lipoproteins are determined by clinical diagnostics laboratory for estimating the cholesterol level in our body. Discuss. [2 Marks] (CO1&2)
- Q6. (a) Can a protein supplement or diet increase your body fat or triglycerides? If not explain. [1 Mark] (CO1&2)
- (b) How would you correlate the protein diet with the urea excreted in the urine [1 Mark] (CO1&2)
- Q7. What are the criteria essential for a high quality protein? [2 Marks] (CO1)