

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- 2025

B.Tech-VII Semester (CSE/IT/ECE/CE)

COURSE CODE (CREDITS): 19B1WBT732 (3)

MAX. MARKS: 15

COURSE NAME: Food Nutrition and Health Care

COURSE INSTRUCTORS: Dr. Udayabanu

MAX. TIME: 1 Hour

*Note: (a) All questions are compulsory.*

*(b) The candidate is allowed to make Suitable numeric assumptions wherever required for solving problems*

Q.No	Question	CO	Marks
Q1	Define glycemic index and Design a diet plan for diabetic patients with respect to glycemic index.	CO2	3
Q2	Classify complex carbohydrates by giving one example each	CO2	3
Q3.	Demonstrate that carbohydrates are necessary for sparing body protein and preventing ketosis.	CO2	3
Q4.	Based on Mifflin–St Jeor calculate the basal metabolic rate of men with 50kg body weight, 150cm height and 22 years of age.	CO1	3
Q5	Minerals are substances found in the environment that are essential to the body's functioning. Justify the biological importance of Calcium, Iron and Potassium on human being	CO1	3