

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -3 EXAMINATIONS-2022

B.Tech-VI Semester (BT)

COURSE CODE (CREDITS): 19B1WBT732(3)

MAX. MARKS: 35

COURSE NAME: Food Nutrition & Health Care

COURSE INSTRUCTORS: Dr. Udayabanu

MAX. TIME: 2 Hours

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

1. The U.S. Food and Drug Administration (FDA) has approved three medications for treating alcohol dependence. What is alcohol dependence? Explain medications used for treating alcohol dependence. [5 Marks] (CO4)
2. Which is the main psychoactive component of Marijuana? When consumed along with alcohol what kind of effect it shows? What is the short term and long term health effects when marijuana is consumed? [5 Marks] (CO4)
3. What are the withdrawal symptoms of following drug of abuse? [6 Marks] (CO4)
 - a. Cocaine
 - b. Heroin
 - c. Kratom
4. Magic mushroom has short term health effects. Explain and mention the main chemical constituent of magic mushroom. [2 Marks] (CO4)
5. Nicotine, in teens can affect the development of brain circuits that control attention and learning. Name the medications used for the treatment of nicotine addiction. [2 Marks] (CO4)
6. Diabetes mellitus refers to a group of diseases that affect how your body uses blood sugar (glucose). How glucose is normally processed in the body? Explain the role of glucose in our body and briefly explain the causes of gestation diabetes. [5 Marks] (CO 3)
7. Trace elements are essential for the human health. Try to relate the trace element and its respective associated health issue as given below. [5 Marks] (CO 1,2)

Trace Elements: Iron, Zinc, Iodine, Selenium and Fluoride
Health Issue: Impaired taste and smell, Dental caries, Anemia, Brittle hair and nail, Goiter
8. Omega 3 Fatty acids are polyunsaturated fatty acids. Name some omega 3 fatty acids. What is their natural source and explain their health benefits? Differentiate omega 3 and omega 6 fatty acids. [5 Marks] (CO 1,2)