

**VIT**Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

REG.NO.:

SCHOOL OF BIOSCIENCES AND TECHNOLOGY
CONTINUOUS ASSESSMENT TEST - I
WINTER SEMESTER 2025-2026

Programme Name & Branch : M.Sc (Integrated) & Biotechnology
Course Code and Course Name : TBIT213L & Food Biotechnology
Slot(s) : G2 + TG2
Faculty Name(s) : Dr. M. JANAKI RAMAIAH
Class Number(s) : VL2025260505345
Date of Examination : 02-02-2026
Exam Duration : 90 minutes **Maximum Marks: 50**

General instruction(s):

- Answer All Questions
- CO – Course Outcome; BL – Blooms Taxonomy Level (1 – Remember, 2 – Understand, 3 – Apply, 4 – Analyse, 5 – Evaluate, 6 – Create)

Q. No	Question	M
1.	Discuss various biofortification strategies employed in major food crops.	10
2.	Classify the sugar alternatives with examples.	10
3.	a) Illustrate the importance of Food security and economic goals.	5
	b) Predict the importance of Genetically modified crops for the futuristic nutritional applications.	5
4.	a) Explain types of fermentation employed in food, beverage applications and probable advantages.	5
	b) Describe about the various ways of making wine, beer, Swiss cheese, yogurt and vinegar.	5
5.	Discuss the methods of cheese production and the microorganisms used.	10
