

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)**

**CLASS: IMSC
BRANCH: FOOD TECHNOLOGY**

**SEMESTER: III
SESSION: MO/2022**

SUBJECT: FT201 FOOD CHEMISTRY

TIME: 2 HOURS

FULL MARKS: 25

INSTRUCTIONS:

1. The total marks of the questions are 25.
 2. Candidates attempt for all 25 marks.
 3. Before attempting the question paper, be sure that you have got the correct question paper.
 4. The missing data, if any, may be assumed suitably.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
-

		CO	BL
Q1 (a)	Explain the term food chemistry.	[2] CO1	1
Q1 (b)	Justify the statement "Food is foundation stone of the body".	[3] CO2	3
Q2 (a)	Discuss the meaning of Sorption.	[2] CO2	2
Q2 (b)	Describe the types of water.	[3] CO2	2
Q3 (a)	Write the functions of carbohydrate.	[2] CO2	3
Q3 (b)	Describe the digestion & absorption of carbohydrates in brief.	[3] CO3	3
Q4 (a)	Explain the chemical composition of carbohydrate.	[2] CO4	2
Q4 (b)	Give the types of carbohydrates & explain un brief.	[3] CO2	2
Q5 (a)	Define Rancidity	[2] CO1	1
Q5 (b)	Write the functions and daily requirements of fats	[3] CO2	3

::: 26/09/2022 :::M