



VIT

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

SLOT: G1+TG1

REG. NO.: 22BMM0008

**SCHOOL OF MECHANICAL ENGINEERING
CONTINUOUS ASSESSMENT TEST - I
FALL SEMESTER 2025-2026**

Programme Name & Branch	: BME/BMM	
Course Code	: BMEE310L	
Course Name	: Supply Chain Management	
Faculty Name(s)	: Dr. K. Jayakrishna	
Class Number(s)	: VL2025260103161	
Date of Examination	: 23/08/2025	
Exam Duration	: 90 minutes	Maximum Marks: 50

General instruction(s):

- Answer All Questions
- M - Max mark; CO - Course Outcome; BL - Blooms Taxonomy Level (1 - Remember, 2 - Understand, 3 - Apply, 4 - Analyse, 5 - Evaluate, 6 - Create)
- Course Outcome Statements:
 - CO 1: Understand supply chain need, and analyze the strategies, and drivers of performance of the supply chain.
 - CO 2: Evaluate different distribution and network design options.

Q. No	Question	M	CO	BL
1.	Consider the purchase of a cottage cheese sandwich from a gourmet store. Describe the various stages in the supply chain involved in delivering the sandwich to the customer, and explain the different types of flows that occur at each stage.	10	CO1	3
2.	Consider the supply chain involved when a customer purchases a study table from IKEA. Identify the cycles in this supply chain and the location of the push/pull boundary.	10	CO1	3
3.	Differentiate demand uncertainty and implied demand uncertainty with an example.	10	CO1	2
4.	It is important to have strategic fit between a supply chain and its competitive strategy. What is the supply chain design that would fulfil this purpose? List the capabilities it should have.	10	CO1	4
5.	How do online sales impact service and cost? Explain how they change things like inventory, delivery, customer service, and planning. Support your answer with relevant examples from companies implementing omnichannel.	10	CO2	4
