VIT®

Vellore Institute of Technology

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

School of Social Sciences and Languages
Continuous Assessment Test 1
September, 2023–Fall Semester
(B.tech –All)

Course Code	: BHUM103L	**Duration**	: 90 Minutes.
Course Name	: Microeconomics	**Max. Marks**	: 50 Marks
Class No	: VL2023240104810	**Date**	: 10-9-2023
Slot	: A1+TA1	**Time**	: 9:30 am – 11:00 am
Faculty-In-Charge	**: Dr. Shahid Hamid Raina**		

Answer All the Questions (5 x 10 = 50 Marks)

Q. No.	Questions	Max. Marks
1.	Discuss various definitions of economics.	10
2.	Differentiate between demand and quantity demanded. Discuss law of supply with the help of a suitable example.	3+7
3.	Given a demand and supply function as Q_d= 220 -5P and Q_s = -20 +3P, find the equilibrium quantity and the equilibrium price. Also graph the equilibrium.	7 + 3
4.	The price of a good X increases form Rs 10 to Rs 25 per unit and the quantity demanded decreases from 1500 units to 1000 units. Calculate price elasticity of demand using the midpoint method.	10
5.	Explain the relationship between total revenue and price elasticity of demand along a linear demand curve with the help of a suitable example.	10