G.R. No.		PAPER CODE	U125-333

March 2024 (INSEM) EXAM
F.Y.B. TECH(Computer Engg.) (SEMESTER - II)
COURSE NAME: Computer Programming and Problem Solving-II
COURSE CODE: CS12233
(PATTERN 2023)

Time: [40 min]   [Max. Marks: 20]

(*) Instructions to candidates:
1) **Figures to the right indicate full marks.**
2) **Use of scientific calculator is allowed**
3) **Use suitable data wherever required**
4) **Solve any two sub questions from Question 1 and 2**

Question No.	Question Description	Marks	CO mapped	Blooms Taxonomy Level
Q.1	a) Described append, remove, length, slicing and indexing with respect to given list: list = [10, 20, 3.5, "python", 5.5, "java"]	[5]	CO1	Understand
	b) Differentiate between Python and Java	[5]	CO1	Understand
	c) Elaborate List, Tuple, Set and Dictionary datatypes with example.	[5]	CO1	Understand
Q2	a) Write a program to accept no of elements in list and add all the elements using for loop.	[5]	CO2	Apply
	b) Write a program to accept the number of days from the user and calculate charge for library according to following: Till five days: Rs 2/day Six to Ten days: Rs 3/day 11 to 15 days: Rs 4/day After 15 days: Rs 5/day (Formula: charge = days * Rs/day)	[5]	CO2	Apply

	c) Write a program to print following pattern: A A A A A A A A A A A A A A A	[5]	CO2	Apply