



SCHOOL OF COMPUTER SCIENCE AND ENGINEERING
CONTINUOUS ASSESSMENT TEST - I
WINTER SEMESTER 2025-2026

Programme Name & Branch : B.Tech. CSE and Business Systems
Course Code and Course Name : CBS2003 DESIGN THINKING
Faculty Name(s) : KAUSHIK HARIHARAN G
Class Number(s) : VL2025260502072
Date of Examination : 28.01.2026
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 Outcomes
 1. Understand the importance of design thinking and its different phases
 2. Empathize with user situations and be able to define clear problem statements

Q. No	Question	Module	Marks	CO	BL
1.	Explain the Importance of Design Thinking and describe the Five-Stage Model of Design Thinking with suitable applications.	1	10	CO1	BL2
2.	Explain the key characteristics and core principles of Design Thinking. Discuss how these principles enable the application of Design Thinking across different domains such as education, healthcare, or business.	1	10	CO1	BL2
3.	Describe the Empathize Phase in Design Thinking and explain the steps involved in the empathize phase.	2	10	CO2	BL2
4.	In a university library, students often struggle to find seating during peak hours. Different students express different frustrations about this issue. Explain how observation, user interviews, and immersion activity can be used to understand the users' problems.	2	10	CO2	BL4
5.	Define User Persona. Explain its importance and types in Design Thinking. Also illustrate with a suitable user persona Profile	3	10	CO2	BL3