

Computer Science & Business Systems

BACHELOR OF TECHNOLOGY (CBCS - 2023)

B. Tech. Sem-IV CS&BS : WINTER: 2025

SUBJECT: DESIGN THINKING

Day : Monday

Date : 01/12/2025

W-29288-2025

Time : 10:00 AM-01:00 PM

Max. Marks : 60

NB :

1. Assume suitable data, if necessary.
2. Draw neat labelled diagrams WHEREVER necessary.
3. Figures to the right indicate FULL marks for the question.
4. All questions are COMPULSORY.

- Q. 1 Analyze how the five pillars of Design Thinking interact and contribute to the development of an innovative solution for improving the online learning experience. Provide specific examples to illustrate your analysis. (10)
- OR
- Q. 1 How is Design Thinking used in real-world scenarios? (10)
- Q. 2 Answer the following questions - (10)
- a] Explain the power of Empathy with real life example.
 - b] Differentiate between Empathy and Sympathy.
- OR
- Q. 2 Analyze the key questions within a Design Opportunity template and explain how each question helps in framing a design challenge. (10)
- Q. 3 Write and explain the steps for the creation of Personas? (10)
- OR
- Q. 3 How do you define a problem statement in design thinking? (10)
- Q. 4 Explain four step process of ideation, popularly known as 'Million Dollar Idea' with real life example. (10)
- OR
- Q. 4 Discuss the role of Doodles in Storytelling Design Thinking. (10)
- Q. 5 What do you mean by Value Proposition ? Explain with suitable example (10)
- OR
- Q. 5 What are the activities in Prototyping? (10)
- Q. 6 Write a note on - Necessity of testing in Design Thinking. (10)
- OR
- Q. 6 How do you plan and conduct user testing and feedback sessions? (10)
