

BACHELOR OF TECHNOLOGY (CBCS - 2023)
R. Tech. Sem-IV Computer Science & Business Systems : SUMMER : 2025
SUBJECT: DESIGN THINKING

Day : Monday
Date : 02/06/2025

S-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.

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|------|---|------|
| Q. 1 | Draw and explain the framework of Design Thinking with it's five stages. | (10) |
| | OR | |
| Q. 1 | What are the pillars of Design Thinking? Explain them with suitable examples. How do you apply design thinking to real-world problems and challenges? | (10) |
| Q. 2 | Answer the following questions -
a] Explain the power of Empathy with real life example.
b] Differentiate between Empathy and Sympathy. | (10) |
| | OR | |
| Q. 2 | Illustrate an Immersion Activity in detail with example. | (10) |
| Q. 3 | Describe Personas. How do they help organization? | (10) |
| | OR | |
| Q. 3 | What are Four different perspectives/types of personas | (10) |
| Q. 4 | What is the concept of 'Six Thinking Hats' and what does each hat represent? Explain with a relevant example. | (10) |
| | OR | |
| Q. 4 | Write the importance of Storytelling in presenting ideas with suitable example. | (10) |
| Q. 5 | Briefly explain the concept of a 'Service Value Proposition' | (10) |
| | OR | |
| Q. 5 | What are the different types of prototyping? | (10) |
| Q. 6 | In what ways do Agile and Design Thinking work together or complement each other? | (10) |
| | OR | |
| Q. 6 | State and Explain various steps for conducting a user test. | (10) |

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