

BACHELOR OF TECHNOLOGY (CBCS) (2020 COURSE)
B.Tech.Sem - VI Computer Science & Engineering : WINTER : 2023
SUBJECT : DESIGN THINKING

Day : Wednesday

Date : 22-11-2023

Time : 10:00 AM-01:00 PM

Max. Marks : 60

W-24332-2023

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.

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- Q.1** What is Design Thinking? Why is it important for us? **(10)**
- OR**
- Q.1** What are the pillars of Design Thinking? Explain them with suitable examples. **(10)**
- Q.2** i) Explain the power of Empathy with real life example. **(10)**
 ii) Differentiate between Empathy and Sympathy.
- OR**
- Q.2** What is Empathy? Why is it essential to Design Thinking? What are its stages? **(10)**
- Q.3** What are personas? How do they help organization? **(10)**
- OR**
- Q.3** Write and explain the steps for the creation of personas? **(10)**
- Q.4** What are the steps of Ideate phase in DT? **(10)**
- OR**
- Q.4** Write the importance of storytelling in presenting ideas. **(10)**
- Q.5** Write a short note on 'Service Value Proposition'. **(10)**
- OR**
- Q.5** What are the activities in Prototyping? **(10)**
- Q.6** How does Agile and Design Thinking complement each other? **(10)**
- OR**
- Q.6** Why testing is needed in Design Thinking? Discuss in brief. **(10)**

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