

B. TECH. (COMPUTER SCIENCE & BUSINESS SYSTEMS) (CBCS - 2018 COURSE)

Computer Science & Business Systems

B.Tech. (CSBS) Sem - V :SUMMER : 2023

SUBJECT : DESIGN THINKING

Day : Wednesday

Time : 10:00 AM-01:00 PM

Date : 17-05-2023

S-20464-2023

Max. Marks : 60

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat labeled diagrams **WHEREVER** necessary.

Q.1 How Design Thinking (DT) works in product development process? Explain. (10)

OR

Q.1 "Design thinking is human centric". Justify. (10)

Q.2 Why empathy is important? What are some key methods for building empathy? (10)

OR

Q.2 Create a product user persona with familiar set of icon (assume suitable data)? (10)

Q.3 Explain Goal directed persona with suitable example. (10)

OR

Q.3 Explain six thinking hats and explain how do improve decision making with example. (10)

Q.4 What do you mean by 2- million dollar idea? How it works? (10)

OR

Q.4 Write a note on brainstorming techniques. What are rules of brainstorming? (10)

Q.5 What are different types of prototyping? How to develop value proposition statement. (10)

OR

Q.5 What are advantages of prototyping? Give guidelines to develop prototype. (10)

Q.6 Explain testing phase in DT. What is user testing? Give advantages of user testing. (10)

OR

Q.6 Give guidelines for planning a test. How design thinking complement Agile model? (10)

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