

**B. TECH. (COMPUTER SCIENCE & BUSINESS SYSTEMS) (CBCS - 2018 COURSE)**  
**B.Tech. (CSBS) Sem - VII : SUMMER : 2024**  
**SUBJECT: USABILITY DESIGN OF SOFTWARE APPLICATIONS**

Day : Wednesday  
Date : 08/05/2024

S-20477-2024

Time : 02:30 PM-05:30 PM  
Max. Marks : 60

**N.B :**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagram **WHEREVER** necessary.
- 4) Assume suitable data if necessary.

- Q.1 Explain any five methods used in the evaluation during active use. [10]
- OR**
- Q.1 Describe the User-Centered Design Process. How does it ensure that software applications meet user's needs and expectations? [10]
- Q.2 Explain abbreviation strategies and guidelines for using abbreviations. [10]
- OR**
- Q.2 Explain different aspects of User-Centered Design. [10]
- Q.3 Describe overlapping window and titled windows presentation style with examples. [10]
- OR**
- Q.3 List and explain pitfalls in development path of web design process. [10]
- Q.4 What techniques do you use to conduct user interviews effectively, and how do you ensure that you gather meaningful insights participants? [10]
- OR**
- Q.4 What are techniques used in UX research, and explain each technique with example? [10]
- Q.5 What are some of the biggest challenges you have faced are facing as a UX designer? [10]
- OR**
- Q.5 Design and explain Task flow detailing for railway reservation. [10]
- Q.6 Explain any two types of testing prototypes used in User-Interface Design. [10]
- OR**
- Q.6 Consider you want to design a web application for library management system. Design and explain Initial Prototype, Iteration 1 Prototype, Iteration 2 Prototype for a library management system. [10]

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