

B.E. SEM VIII | IT | CBCGS

(3 Hours)

Nov DEC 2022

- N.B.: (1) Question No.1 is compulsory.
(2) Attempt any three questions from the remaining five questions.
(3) Make suitable assumptions wherever necessary but justify your assumptions.

Total Marks: 80

1.
 - (a) List various usability inspection methods and summarize cognitive walkthrough techniques. 05
 - (b) Describe the principles of User-Centered Approach? 05
 - (c) Give Examples of Quantitative Data Analysis Methods. 05
 - (d) Write a note on Good Error Messages with examples 05
2.
 - (a) Explain Shneiderman's "Eight Golden Rules of Interface Design" 10
 - (b) Identify and explain the process of Interaction Design. 10
3.
 - (a) What do you mean by low-fidelity and high-fidelity prototyping? Explain with examples. 10
 - (b) Summarize the different analytical frameworks used to analyze qualitative data. 10
4.
 - (a) Explain double diamond of design process in detail with example. 10
 - (b) Explain any five design principles and aid thinking when designing for product development with good UX. 10
5.
 - (a) What care will you take while designing an interface for a blind person? 10
 - (b) Summarize the key issues in Data Gathering process. 10
6. Write a short note on (Any Two) 20
 - (a) Different interview Styles.
 - (b) Compare Controlled Setting, Natural Setting and any setting evaluation.
 - (c) Simple Life-cycle model for interaction design