Code: 20CS4703C

IV B.Tech - I Semester – Regular Examinations - DECEMBER 2023

USER INTERFACE DESIGN
(COMPUTER SCIENCE & ENGINEERING)

Duration: 3 hours   Max. Marks: 70

Note: 1. This paper contains questions from 5 units of Syllabus. Each unit carries 14 marks and have an internal choice of Questions.
2. All parts of Question must be answered in one place.

BL – Blooms Level   CO – Course Outcome

			BL	CO	Max. Marks
UNIT-I					
1	a)	Define User Interface. Explain the important benefits of a good design.	L2	CO1	7 M
	b)	Compare the characteristics of graphical user interface and web user interface.	L2	CO1	7 M
OR					
2	a)	Explain history of screen design.	L2	CO1	7 M
	b)	Explain the principles of the user design interface.	L2	CO1	7 M
UNIT-II					
3	a)	Choose the attributes of human considerations that have an influence on design.	L3	CO4	10 M
	b)	Discuss people and their tasks in design process.	L2	CO4	4 M
OR					

4	a)	Classify human interaction speeds in design process.	L4	CO4	10 M
	b)	Analyze the psychological and physical user responses to poor design.	L4	CO4	4 M

UNIT-III

5	a)	Explain about screen navigation and flow.	L2	CO3	7 M
	b)	Analyze thoroughly the ordering of screen data and content.	L4	CO3	7 M

OR

6	a)	Explain the strategies for organizing screen elements.	L2	CO3	7 M
	b)	Elaborate the significance of screen and web page meaning and purpose in the context of screen design.	L4	CO3	7 M

UNIT-IV

7	a)	List and explain the components of Multimedia.	L4	CO3	7 M
	b)	Explain in detail about windows characteristics.	L2	CO3	7 M

OR

8	a)	Discuss in detail about colors and its uses.	L2	CO3	7 M
	b)	Explain in detail about window types.	L2	CO3	7 M

UNIT-V

9	a)	Explain in detail about indirect control pointing devices.	L2	CO2	7 M

	b)	Explain Speech Generation.	L2	CO2	7 M
		OR			
10	a)	Interpret the features of key board layouts.	L3	CO2	7 M
	b)	Compare and contrast of various pointing devices.	L3	CO2	7 M