UPES
End Semester Examination, May 2023
Course: Human Computer Interface
Semester: IV
Program: B.Tech (CSE+H)   Time   : 03 hrs.
Course Code: CSEG2038P   Max. Marks: 100

Instructions: All the questions are compulsory.

SECTION A
(5Qx4M=20Marks)

S. No.		Marks	CO
Q 1	What are the benefits of good design?	4	CO5
Q 2	What are the different levels of fusion possible in multimodal interface? Explain in brief.	4	CO4
Q 3	Compare and contrast between short-term and long-term memory.	4	CO1
Q 4	Explain the concept of modal and modeless windows? Give an example of each.	2+2=4	CO3
Q 5	Discuss and elaborate the issues to be considered in choosing colors for web pages.	4	CO5

SECTION B
(4Qx10M= 40 Marks)

Q 6	Discuss the guidelines for designing conceptual models. (10 marks) **Or** Discuss the common user reactions that might occur in response to poor user interface design. (10 marks)	10	CO1
Q 7	Give a brief note of the window management scheme.	10	CO5
Q 8	Write the differences between Multimodal Interfaces and GUIs.	10	CO4
Q 9	Briefly explain different components of windows and its usability.	10	CO5

SECTION-C
(2Qx20M=40 Marks)

Q 10	State and explain the general principle of user interface design. **Or** Write short note on: (Attempt any two) (Marks: 10*2=20) i. Web user interface	20	CO1, CO5

	ii. Technological consideration in interface design iii. Advantages and disadvantages of graphical system		
Q 11	Define Brain Computer Interface (BCI). What are the different types of BCI? Explain different real-life application areas of BCI.	**3+3+14=20**	**CO2**