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Roll No.

TCS-756

**B. TECH. (CSE)
(SEVENTH SEMESTER)
END SEMESTER**

EXAMINATION, Dec, 2022

HUMAN COMPUTER INTERACTION

Time :Three Hours

Maximum Marks : 100

Note : (i) All questions are compulsory.

(ii) Answer any *two* sub-questions among
(a), (b) and (c) in each main question.

(iii) Total marks in each main question are
twenty.

(iv) Each sub-question carries 10 marks.

1. (a) Explain the importance of good user interface. Give *five* examples. (CO1)
- (b) What is the history of screen design? List important breakpoints in screen design history. (CO1)

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(2)

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- (c) What is the concept of direct manipulation ? Explain with the help of example. (CO1)
2. (a) What is the significance of human consideration in HCI (Human Computer Interaction) domain ? (CO2)
- (b) What is the significance of understanding business junction in HCI (Human Computer Interaction) domain ? (CO2)
- (c) What are the limitations of human consideration in HCI (Human Computer Interaction) domain ? (CO2)
3. (a) Explain the concepts of organizing screen elements. (CO3)
- (b) Explain the concepts of organizing screen navigation and flow with proper example. (CO3)
- (c) Explain the concepts of Technological consideration in interface design with proper example. (CO3)

(3)

4. (a) Explain the concept of Navigation schemes selection of window with the help of proper example. (CO4)
- (b) What is selection of devices based and screen based controls ? (CO4)
- (c) What are Multimedia components in context of HCI ? (CO4)
5. (a) Explain about interaction devices with proper example. (CO5)
- (b) What is speech recognition digitization and generation ? (CO5)
- (c) Explain about image and video drivers with the help of proper example. (CO5)

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