

R13**Code No: 815BN****JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA V Semester Examinations, February - 2022****HUMAN COMPUTER INTERACTION****Time: 3 Hours****Max. Marks: 60**

Answer any five questions
All questions carry equal marks

1. What is the impact of inefficient screen design on processing time? Explain with an example. [12]
2. What are the differences between Graphical User Interface (GUI) and Web user interface(WUI) Explain. [12]
- 3.a) What are the goals of screen Design?
b) Explain the importance of human characteristics to be considered in design process. [6+6]
4. What are the qualities of screen elements? Explain their usefulness in providing a visually pleasing appearance. [12]
5. Compare different types of menus with respect to their strengths, weaknesses and applications. [12]
6. Describe the factors that influence the icon's usage. Also write the rules for selecting icons. [12]
7. Explain the transition diagram with an example and discuss its advantages and disadvantages. [12]
8. Discuss about Discrete-word recognition and Continuous-speech recognition. [12]

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