

Code No: **R42052****R10****Set No. 1****IV B.Tech II Semester Regular/Supplementary Examinations, April - 2015****HUMAN COMPUTER INTERACTION****(Common to Computer Science & Engineering and Information Technology)****Time: 3 hours****Max. Marks: 75**

Answer any FIVE Questions
All Questions carry equal marks

- 1 a) Discuss the brief history of screen design. [8]
b) What is meant by good user interface? Discuss its importance. [7]
- 2 a) Write in brief the concept of direct manipulation. [7]
b) Discuss about the Web user-interface popularity. [8]
- 3 a) Discuss about interaction of people with computers. [8]
b) Write in brief about the human interaction speeds. [7]
- 4 a) Briefly describe the information retrieval on web. [7]
b) What are the design goals in the screen design? Explain. [8]
- 5 a) Explain about window characteristics. [7]
b) How to select the proper device-based controls? Explain. [8]
- 6 a) Describe choosing colors for statistical graphical screens. [8]
b) How the content and text is arranged for web pages? Explain. [7]
- 7 a) Explain in detail the main criteria for selecting the right tool. [8]
b) Write short notes on CASE environments. [7]
- 8 a) Explain about display technology and scanners. [8]
b) Write short notes on continuous speech recognition [7]

Code No: **R42052****R10****Set No. 2****IV B.Tech II Semester Regular/Supplementary Examinations, April - 2015****HUMAN COMPUTER INTERACTION****(Common to Computer Science & Engineering and Information Technology)****Time: 3 hours****Max. Marks: 75**

Answer any FIVE Questions
All Questions carry equal marks

- 1 a) Explain the importance of good design. [8]
b) Why do we produce systems that are inefficient? [7]
- 2 a) Discuss about graphical systems. [8]
b) Describe briefly the principles of user interface. [7]
- 3 a) How to determine the basic business functions? Explain. [7]
b) Explain in detail the human action cycle. [8]
- 4 a) Explain various types of statistical graphics. [8]
b) Discuss about common information ordering screen. [7]
- 5 a) Write short notes on tool bars. [7]
b) Discuss the goals of website navigation. [8]
- 6 a) What is an Icon? Explain different icons in detail. [8]
b) Discuss about components of Multimedia. [7]
- 7 a) Discuss briefly about specification methods. [7]
b) Write the software architecture of interface building tools. [8]
- 8 a) Give a brief note about the following
i) Keyboard ii) Function keys [8]
b) Discuss briefly about direct control pointing [7]

