

Code No: **R42052**

R10

Set No. 1

IV B.Tech II Semester Supplementary Examinations, April/May - 2017
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) Define user interface and explain its importance. [8]
b) Explain the importance of good design. [7]
- 2 a) Define and explain about graphical user interface. [8]
b) What is meant by direct manipulation in Graphical system? What are the characteristics? [7]
- 3 a) Explain in detail human interaction with computers. [8]
b) Discuss briefly about human interaction speeds? [7]
- 4 Give a brief note about the following headings types used in screen design. [15]
a) Control section heading
b) Control sub- section/ row heading
c) Field group heading
d) Web page heading.
- 5 a) Discuss about GUI navigation elements? [8]
b) Discuss about web navigation elements? [7]
- 6 a) Define Multimedia. Explain its components. [8]
b) Explain the terms RGB, JPEG and GIF. [7]
- 7 a) Write short notes on CASE environments. [8]
b) Discuss briefly about specification methods. [7]
- 8 a) Discuss about digital photography. [8]
b) Explain about continuous speech recognition? [7]