

Code: 13A05704

R13

B.Tech IV Year I Semester (R13) Regular Examinations November/December 2016

HUMAN COMPUTER INTERACTION

(Common to CSE and IT)

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) Why is HCI important?
 - (b) What are the Advantages and Disadvantages of Graphical Systems?
 - (c) What are the design goals to be considered while designing the screen?
 - (d) Draw the Symmetry diagram in visually pleasing composition.
 - (e) Explain briefly about Content of Menus.
 - (f) List out the Components of a Window.
 - (g) List out the Selection Controls.
 - (h) Describe about Selecting the Proper Controls.
 - (i) What are three Characteristics of Icons?
 - (j) Define Usability testing.

PART – B

(Answer all five units, 5 X 10 = 50 Marks)

UNIT – I

2 Write brief history of screen design.

OR

3 Discuss any five characteristics of GUI.

UNIT – II

4 List out important human characteristics that have an influence on design and explain.

OR

5 What is the role of screen navigation and flow in developing good screen design?

UNIT – III

6 Discuss about Structures of Menus and explain them briefly.

OR

7 Explain various Window Presentation Styles.

UNIT – IV

8 What are the characteristics and capabilities of device-based control? Explain them.

OR

9 Describe about Text Entry / Read – only controls in detail.

UNIT – V

10 How to Choose Colors for Categories of Information? Explain them.

OR

11 Write short notes on: (i) Multimedia. (ii) The purpose and importance of usability testing.
