

Code: IT7T6A

**IV B.Tech - I Semester – Regular/Supplementary Examinations
October - 2018**

**HUMAN COMPUTER INTERACTION
(INFORMATION TECHNOLOGY)**

Duration: 3 hours

Max. Marks: 70

PART – A

Answer *all* the questions. All questions carry equal marks

11x 2 = 22 M

1.

- a) What do you mean by the terms intranet and internet?
- b) Write a short note on scatter plots.
- c) Mention different website Iconic navigation bars with neat diagram.
- d) Mention the principle of track ball and joystick.
- e) Mention different choices of buttons in message boxes.
- f) Mention the principle of light pen and touch interface.
- g) What are the applications of text box?
- h) Mention the applications and usage of combo box.
- i) What is the need for animation? Briefly discuss the applications.
- j) What are the uses of Color in screen design?
- k) Mention screen design goals.

PART – B

Answer any **THREE** questions. All questions carry equal marks. 3 x 16 = 48 M

2. Discuss the importance and benefits of good design. 16 M

3. Illustrate selection of device based and screen based controls. 16 M

4. Explain briefly on human perceptual abilities. 16 M

5. a) What are the components of Statistical Graphs?
Elucidate. 8 M

- b) Explain about segmented bar chart and pie chart. 8 M

6. Discuss possible problems with color. 16 M