Code: CS8T3A

**IV B.Tech - II Semester – Regular / Supplementary Examinations
March 2019**

HUMAN COMPUTER INTERACTION
(COMPUTER SCIENCE AND ENGINEERING)

Duration: 3 hours   Max. Marks: 70
PART – A

Answer *all* the questions.   All questions carry equal marks
                                                    11x 2 = 22 M

1.
   a) What is HCI?
   b) What is meant by graphics user interface?
   c) What are the general principles of user interface?
   d) What is preference in design interface?
   e) What is design process?
   f) What is meant by amount of information?
   g) Define web system?
   h) What is window?
   i) What is RGB?
   j) What is icon?
   k) What is difference between keyboard and mouse?

PART – B

Answer any ***THREE*** questions. All questions carry equal marks.

3 x 16 = 48 M

2. a) Explain briefly about characteristics of graphical user interface. **8 M**

   b) Explain briefly about Web user interface. **8 M**

3. a) Explain briefly about Human Considerations in design? **8 M**

   b) How people interact with computer and what are the characteristics of the design? **8 M**

4. a) Explain about ordering of screen data and content? **8 M**

   b) Explain briefly about organizing screen elements? **8 M**

5. What are the window operations? Explain them. **16 M**

6. a) What are the uses of colours and Choosing Colours for Statistical Graphics Screens? **8 M**

   b) Explain about speech recognition and drives in details? **8 M**