Code: IT7T6A

IV B.Tech - I Semester – Regular/Supplementary Examinations
JANUARY - 2022

HUMAN COMPUTER INTERACTION
(INFORMATION TECHNOLOGY)

Duration: 3 hours   Max. Marks: 70

PART – A

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

11 x 2 = 22 M

1.

a) List the guidelines on importance of good design.

b) Explain the types of statistical graphics in HCI.

c) What are the benefits of Good Design?

d) Write short notes on conceptual model.

e) What are the common pitfalls in Design Process?

f) Write about screen planning in HCI.

g) Discuss the advantages and disadvantages of graphical systems.

h) Write about keyboard function keys.

i) Give the steps for presenting the error messages on the web page.

j) Write about speech recognition digitization.

k) What are the factors for using icons?

PART – B

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

3 x 16 = 48 M

2. a) Differentiate Graphical User Interface and Web User Interface. 8 M

   b) Describe brief history of screen design. 8 M

3. How human characteristics will effect the design of Inter face? 16 M

4. Write about statistical graphics and Write about technological consideration in interface design. 16 M

5. Write about screen based controls in detail. 16 M

6. a) How do you discriminate the colors? 8 M

   b) Write about components of HCI. 8 M