Code: IT7T6A

IV B.Tech - I Semester – Regular / Supplementary Examinations
March - 2021

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) Mention any two differences between printed and web pages.
   b) How do you distinguish Bar graph and Pie chart?
   c) Write a short note on menus and their usage.
   d) Write a short note on cascading windows and their usage.
   e) Mention the functionality of graphic tablet and its usage.
   f) Differentiate between check box and radio button.
   g) Mention the applications and usage of spin box.
   h) Differentiate between hypermedia and multimedia.
   i) Write a short note on GIF and JPEG Image formats and their significance.
   j) Mention the role of warning and critical messages.
   k) Write a short note on browsing and searching over the web.

PART – B

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

2. Discuss the importance of effective user interface design.

            16 M

3. What are the psychological and physical user responses to
    poor design? Elucidate.   16 M

4. Discuss following screen design processes –
    a) Screen Navigation and Flow.   8 M
    b) Grouping for visual pleasing composition.   8 M

5. Explain about various device based controls with advantages
    and disadvantages.   16 M

6. Describe the importance of color choosing with respect to
    human computer interaction.   16 M