FUTURE VISION BIE

By K B Hemanth Raj

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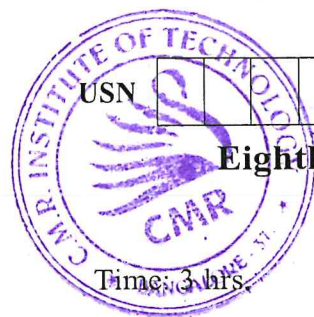## Stay Connected… get Updated… ask your queries…

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15CS832

USN

Eighth Semester B.E. Degree Examination, November 2020
Modern Interface Design

Time: 3 hrs.

Max. Marks: 80

Note: Answer any FIVE full questions irrespective of modules.

Module-1

1 a. Define User Interface. Explain the important benefits of a good design. **(08 Marks)**
   b. Explain the concept of Direct and In-direct manipulation. **(08 Marks)**

2 a. Compare the characteristics of GUI versus Web design. **(08 Marks)**
   b. Briefly explain the general principles of User – Interface design. **(08 Marks)**

Module-2

3 a. Briefly explain the five commandments to eliminate the pitfalls in designing the interface. **(08 Marks)**
   b. Explain the objective criteria for measuring usability. **(08 Marks)**

4 a. Explain briefly about human interaction speeds. **(08 Marks)**
   b. Explain the guidelines for designing conceptual models. **(08 Marks)**

Module-3

5 a. Explain in brief the structure of Menus. **(08 Marks)**
   b. List and explain the content of Menus. **(08 Marks)**

6 a. What are the advantages and dis-advantages of Menu bars? **(08 Marks)**
   b. Write a note on Pop – Up Menus. **(08 Marks)**

Module-4

7 a. Briefly explain the components of a window. **(08 Marks)**
   b. Explain Multiple – Documents Interface scheme for Window Management. **(08 Marks)**

8 a. Bring out the advantages and disadvantages of Frames in Web Systems. **(08 Marks)**
   b. Write a note on the following :
      i) Trackball   ii) Joystick. **(08 Marks)**

Module-5

9 a. Explain the following text controls :
      i) Text – boxes   ii) Captions. **(08 Marks)**
   b. Define Selection Control. Briefly explain about Radio Buttons. **(08 Marks)**

10 a. List and explain any 3 presentations controls. **(08 Marks)**
   b. Briefly explain the different kinds of tests. **(08 Marks)**

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