

CBCS SCHEME

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15CS832

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 Menu. (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 : (08 Marks)
 i) Trackball ii) Joystick.

Module-5

- 9 a. Explain the following text controls : (08 Marks)
 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)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
 2. Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8 = 50, will be treated as malpractice.