

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.

1	a. b.	Define User Interface. Explain the important benefits of a good desig Explain the concept of Direct and In-direct manipulation.	n. (08 Marks) (08 Marks)
2	a. b.	Compare the characteristics of GUI versus Web design. Briefly explain the general principles of User – Interface design.	(08 Marks) (08 Marks)

Module-1

a. Briefly explain the five commandments to eliminate the pitfalls in designing the interface.

b. Explain the objective criteria for measuring usability. (08 Marks)

4 a. Explain briefly about human interaction speeds.

b. Explain the guidelines for designing conceptual models.

(08 Marks)

(08 Marks)

Module-3

5 a. Explain in brief the structure of Menus.

b. List and explain the content of Menus

(08 Marks)

(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)

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

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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