

CBCS SCHEME

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15CS832

Eighth Semester B.E. Degree Examination, June/July 2019

Modern Interface Design

Time: 3 hrs.

Max. Marks: 80

*Note: Answer any FIVE full questions, choosing ONE full question from each module.*Module-1

- 1 a. Explain the Importance and Benefits of good user Interface Design. (04 Marks)
 b. Write any four differences between GUI and Webpage Design. (04 Marks)
 c. Explain in detail, the characteristics of GUI. (08 Marks)

OR

- 2 a. Explain the concept of Direct Manipulation for Graphical Systems. (04 Marks)
 b. Discuss the characteristics of Intranet and Internet and bring out the differences between them. (04 Marks)
 c. Discuss the general principles of User Interface Design (any 8). (08 Marks)

Module-2

- 3 a. List and explain the five commandments in designing for people. (06 Marks)
 b. Describe in detail, the important human characteristics in user Interface Design (any five). (10 Marks)

OR

- 4 a. Explain the common usability problems in web based systems. (06 Marks)
 b. Explain the techniques for determining the user requirements using Indirect methods. (10 Marks)

Module-3

- 5 a. Explain the structure of Menus with illustrations. (06 Marks)
 b. Describe the components of a Web Navigation System with illustration. (10 Marks)

OR

- 6 a. Describe the functions of Menus. (06 Marks)
 b. List all kinds of Graphical Menus and explain any one in detail. (10 Marks)

Module-4

- 7 a. Explain the components of a window with example. (08 Marks)
 b. Discuss briefly about the types of windows with examples (any four). (08 Marks)

OR

- 8 a. Describe overlapping windows and tiled windows presentation styles with examples. (08 Marks)
 b. Explain the characteristics of touch Screen and keyboard. (08 Marks)

Module-5

- 9 a. Explain Radio Buttons and List Boxes selection controls. (08 Marks)
 b. Explain any two types of testing prototypes used in User Interface Design. (08 Marks)

OR

- 10 a. Explain Slider and Tree View operable controls. (08 Marks)
 b. Explain Cognitive Walkthroughs, Think aloud Evaluations and Usability tests conducted in user Interface Design. (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.