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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.

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.

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)**

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