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18CS734

Seventh Semester B.E. Degree Examination, Dec.2024/Jan.2025
User Interface Design

Time: 3 hrs.

Max. Marks: 100

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

Module-1

1 a. Explain in detail the characteristics of Graphical user Interface (any 5). (10 Marks)
   b. Explain the advantages and disadvantages of Graphical System. (10 Marks)

OR

2 a. Explain 10 - differences between Graphical user Interface and Web page design. (10 Marks)
   b. Discuss the general principles of User Interface design (any 10). (10 Marks)

Module-2

3 a. List and explain five commandments in designing for people. (10 Marks)
   b. Describe the important human characteristics of UID. (10 Marks)

OR

4 a. Explain common usability problem in Web based system. (10 Marks)
   b. Explain techniques for determining user requirement using Indirect methods. (10 Marks)

Module-3

5 a. Explain in detail the structure of menu. (10 Marks)
   b. List all kinds of graphical menu and explain any two in detail. (10 Marks)

OR

6 a. Describe the functions of menu. (10 Marks)
   b. List components of web navigation system. (10 Marks)

Module-4

7 a. Explain the component of windows with example. (10 Marks)
   b. Discuss briefly about types of window with example. (10 Marks)

OR

8 a. Describe overlapping windows and tiled window presentation styles with example. (10 Marks)
   b. Explain characteristics of touch screen and keyboard. (10 Marks)

Module-5

9 a. Explain Radio – button and list boxes selection control. (10 Marks)
   b. Explain any 2 types of testing proto types used in UID. (10 Marks)

OR

10 a. Write a note on presentation control in UID. (10 Marks)
   b. Explain usability tests conducted in UID. (10 Marks)

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