

CBCS SCHEME



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15CS832

Eighth Semester B.E. Degree Examination, Feb./Mar. 2022

Modern Interface Design

Max. Marks: 80

Time: 3 hrs.

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

Module-1

- 1 a. Define user Interface. Briefly explain the advantages of GUI. (10 Marks)
b. Differentiate between GUI and Web Interface. (06 Marks)

OR

- 2 a. Briefly explain the general principles of user Interface Design. (10 Marks)
b. Describe the characteristics of GUI. (06 Marks)

Module-2

- 3 a. Describe in detail, the important human characteristics in user Interface Design. (10 Marks)
b. Briefly explain the guidelines for designing conceptual models. (06 Marks)

OR

- 4 a. Discuss the web usability characteristics in detail. (08 Marks)
b. Explain the recommended direct methods for getting input from users. (08 Marks)

Module-3

- 5 a. Describe the structure of menus. (10 Marks)
b. Briefly about the web navigational problems. (06 Marks)

OR

- 6 a. Briefly explain the various ways in which menu items can be selected. (10 Marks)
b. Discuss the several general link guidelines. (06 Marks)

Module-4

- 7 a. With an example to each, explain the components of a window. (10 Marks)
b. Briefly explain the different window presentation styles. (06 Marks)

OR

- 8 a. Write short note on : i) Property sheets ii) Property Inspectors. (06 Marks)
b. Briefly explain the characteristics of Device – Based controls. (10 Marks)

Module-5

- 9 a. List and explain the various presentation controls. (08 Marks)
b. Briefly describe the heuristic Evaluation process. What are its advantages? (08 Marks)

OR

- 10 a. What is the need of usability test? Explain the process involved in developing and conducting a test. (08 Marks)
b. Write notes on :
i) Think – Aloud Evaluations
ii) Cognitive Walk – Throughs. (08 Marks)

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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.