

CBCS SCHEME

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16/17MCA454

Fifth Semester MCA Degree Examination, June/July 2019 Principle of User Interface Design

Time: 3 hrs.

Max. Marks: 80

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

Module-1

- 1 a. What are the usability goals for requirement analysis? (08 Marks)
b. Explain usability measures. (08 Marks)

OR

- 2 a. List and explain 8 golden rules of interface design. (08 Marks)
b. Explain personality differences and international diversity. (08 Marks)

Module-2

- 3 a. Explain the four pillar of user interface design. (08 Marks)
b. Discuss the different Ethnographic observations in development process. (08 Marks)

OR

- 4 a. Brief explain the variety of expert review methods in evaluating multiple design. (08 Marks)
b. Explain any five methods used in the evaluation during active use. (08 Marks)

Module-3

- 5 a. Explain any five examples of direct manipulations. (08 Marks)
b. Explain the elements of form – fill – in along with appropriate example. (08 Marks)

OR

- 6 a. Write suitable examples, explain types of single menus. (08 Marks)
b. Briefly explain guidelines for menu layout and dialog box design. (08 Marks)

Module-4

- 7 a. Explain command organization strategy in detail. (08 Marks)
b. Explain about naming and abbreviation. (08 Marks)

OR

- 8 a. Explain color guidelines for interactive interfaces. (08 Marks)
b. What are the guidelines for effective error message? (08 Marks)

Module-5

- 9 a. Compare and contrast reading from paper versus display. (08 Marks)
b. Explain about shaping the content of manuals or documentation. (08 Marks)

OR

- 10 a. Explain the multimedia document searches. (08 Marks)
b. Explain the challenges for information visualization. (08 Marks)
