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Question Paper Code: 54083

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2017

Fourth Semester

Information Technology

15UIT403 - INTRODUCTION TO HUMAN COMPUTER INTERACTION

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (5 x 1 = 5 Marks)

1. The web service used for accessing remote data by authorized person is
(a) Internet (b) Intranet (c) Extranet (d) Hybernet
2. Completion aid is used for
(a) entry field content control (b) entry field color control
(c) entry field box size control (d) entry field border control
3. Which one is not a style of the buttons in the following?
(a) Push button (b) Tool bar (c) Symbol button (d) Pop button
4. Dithering means
(a) Fixing two colors (b) Mixing two colors
(c) Lapping two colors (d) none of these
5. What is the use of hyperlinks?
(a) Link to another document (b) Link to another multimedia file
(c) Link to another web page (d) all of the above

PART - B (5 x 3 = 15 Marks)

6. Compare the types of compatibility in UI design.
7. Define Mental Model.
8. What are the presentational styles of the Windows?
9. Define the properties of the colors.
10. What are the features of user interface building tools?

PART - C (5 x 16 = 80 Marks)

11. (a) Discuss about direct manipulation graphical system. (16)

Or

- (b) Explain about the characteristics and principle involved in the user interface design. (16)

12. (a) Explain some of the Direct and Indirect methods used for collecting design level data from users. (16)

Or

- (b) Discuss in details about: (i) Structures of menus (ii) Functions of menus. (16)

13. (a) Explain the types and components of windows in UI design. (16)

Or

- (b) Discuss about the device based controls in human interface design. (16)

14. (a) Explain the role of accessibility in user interface design. (16)

Or

- (b) Explain in detail the icon design guidelines for user interface. (16)

15. (a) Briefly write about the UI window design prototypes. (16)

Or

- (b) Explain different software tools used for designing UI. (16)