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B.TECH. DEGREE EXAMINATION, MAY 2015

Sixth Semester

Faculty of Engineering and Technology

Branch : Computer Science and Engineering

CS 010 606 L03—USER INTERFACE DESIGN (Elective I) [CS]

(New Scheme—2010 Admission onwards)

[Regular/Improvement/Supplementary]

Time : Three Hours   Maximum : 100 Marks

Part A

Answer all questions.
Each question carries 3 marks.

1. Describe four kinds of views.

2. Write a note on foreal and peripheral vision.

3. Give a short note on ordering and control.

4. Write a short note on multiple document interfaces.

5. List out some software tools for user interface design.

(5 × 3 = 15 marks)

Part B

Answer all questions.
Each question carries 5 marks.

6. Explain the characteristics of indirect manipulation.

7. Explain the importance of document design.

8. Define the different aspects for presenting information simply and **meaningfully.**

9. Explain various types of windows.

10. Write a note on event distribution.

(5 × 5 = 25 marks)

Part C

Answer all questions.
Each question carries 12 marks.

11. Explain the disadvantages of using graphical user interfaces.

Or

Turn over

12. Explain the design principles in creating a user interface.

13. Explain why human characteristics are considered in screen design.

Or

14. Briefly explain business requirement analysis.

15. Explain :

    (a) Technological considerations in interface design.

    (b) Extranet design guidelines.

Or

16. Explain the principles of good screen design.

17. Explain in detail, the types and functions of menus.

Or

18. Explain the functions and operations on windows.

19. Explain in detail about the graphical package layer.

Or

20. Write notes on different interaction devices.

(5 × 12 = 60 marks)