B.TECH. DEGREE EXAMINATION, MAY 2014

Sixth Semester

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. Explain the importance of User interface.

2. Point out the obstacles in design process.

3. Discuss the design goals of screen design.

4. What are the functions of menus?

5. List some of the software tools for user interface design.
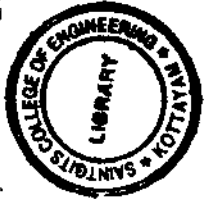
(5 × 3 = 15 marks)

Part B

Answer all questions.

Each question carries 5 marks.

6. Compare GUI and Web interface.

7. Explain the steps to be performed during business analysis.

8. What steps are necessary for making visually pleasing composition of screen design?

9. Explain different types of graphical minus.

10. What is event distribution? Explain.

(5 × 5 = 25 marks)

Turn over

Part C

Answer all questions.

Each question carries 12 marks.

11. Explain the importance of good design and brief history of graphical user interface.

Or

12. Give the theories and principles of user interface design.

13. Describe the necessity of understanding business functions.

Or

14. Explain the role of human interaction speeds and human consideration in design process.

15. Briefly explain the meaning and purpose of screen.

Or

16. Explain the technological considerations in interface design.

17. Describe the formatting of menus and phrasing.

Or

18. What is the role of multimedia in Menus? Give a detailed description.

19. Discuss the device consistency and distribution of the User interface.

Or

20. Give a brief description of Image and Video displays.

(5 × 12 = 60 marks)