

G 1478

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Reg. No.....

Name.....

B.TECH. DEGREE EXAMINATION, MAY 2016

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. What do you mean by user interface ?
2. Give the Fitt's law, which is important in screen design.
3. Explain the goals of screen designing.
4. List the kinds and characteristics of icons.
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 direct manipulation.
7. Explain web usability characteristics.
8. Write a note on the considerations in interface design.
9. Explain the functions and presentation styles of windows.
10. What do you mean by asynchronous collaboration ? Explain.

(5 × 5 = 25 marks)

Part C

*Answer all questions.
Each full question carries 12 marks.*

11. Explain the difference between GUI and web interface design.

Or

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

Turn over

13. Write a detailed note on business requirement analysis.

Or

14. Explain perception. What are its characteristics ?

15. Explain the design goals in screen design.

Or

16. Explain :

(i) Intranet design guidelines.

(ii) Information retrieval on web.

17. Explain the issues to be dealt with while choosing colors.

Or

18. Explain in details, the types and functions of menus.

19. Explain in detail about the graphical package layer.

Or

20. Write notes on different interaction devices.

(5 × 12 = 60 marks)

