Code : R7411507

R07

IV B.Tech I Semester (R07) Supplementary Examinations, May 2012

HUMAN COMPUTER INTERFACE

(Computer Science & Systems Engineering)

Time: 3 hours   Max Marks: 80

Answer any FIVE questions
All questions carry equal marks
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1. (a) Explain the history of screen design.
    (b) Discuss in detail about the importance of good design.

2. (a) Explain the characteristics of graphical user interface.
    (b) Write the general principles of user interface design.

3. (a) What are the guidelines for designing conceptual models?
    (b) Discuss, why people have trouble with computers.

4. What is searching? Explain its importance and also explain the various task actions.

5. Discuss in detail about the following screen based controls:
    (a) Command button
    (b) Radio button
    (c) Check box
    (d) Drop down and pop up combo box

6. What are the factors that should be considered for choosing icons and images? Explain.

7. Describe the following:
    (a) Menu selection and dialog box trees.
    (b) Grammars.
    (c) State charts.

8. (a) Differentiate between direct and indirect control devices.
    (b) Write short notes on novel pointing devices.

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