Code: R7411507

R07

B.Tech IV Year I Semester (R07) Supplementary Examinations, May 2013
HUMAN COMPUTER INTERFACE
(Computer Science and Systems Engineering)

Time: 3 hours   Max. Marks: 80

Answer any FIVE questions
All questions carry equal marks

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1. (a) Define user interface. What is the importance and benefits of good design?
   (b) Explain how human factors influence the user interface design.

2. (a) What are the characteristics of graphical user interface and explain interaction styles?
   (b) Explain the characteristics of intranet. How it is different from internet and extranet?

3. (a) What do the humans consider in designing a business system?
   (b) What are the basic business functions?

4.   How do you organize screen elements?

5. (a) What is navigation and flow?
   (b) Explain the selection process for screen-based controls.

6. (a) What are the characteristics of icons?
   (b) Explain when can you say an icon is successful.

7. (a) Explain about keyboard layouts.
   (b) What is meant by function key? List various function keys.

8.   Explain about:
   (a) Messages.
   (b) Transition diagrams.
   (c) Words.
   (d) Text.

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