Code: R7411208

R07

B.Tech IV Year I Semester (R07) Supplementary Examinations, May 2013
HUMAN COMPUTER INTERACTION
(Information Technology)

Time: 3 hours   Max. Marks: 80

Answer any FIVE questions
All questions carry equal marks

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1. (a) How you call a design is good? What is the importance of a good design?
   (b) Write about the history of screen design.

2. (a) Write any 8 characteristics of GUI.
   (b) Write the differences between GUI and web user interface.

3. (a) Discuss about the important human characteristics that have impact on design.
   (b) What is meant by basic business functions? Explain in detail the process of determining basic business functions.

4. (a) Write about organizing and ordering of screen element.
   (b) Write about the technological considerations in interface design.

5. (a) What are the elements of memos? Explain their structures and the information they contain.
   (b) Write about different types of menus.

6. (a) Explain different types of messages.
   (b) Describe the factors for using icons.

7. (a) Write about the advantages and disadvantages of transition diagrams. Explain with suitable example.
   (b) What is the use of interface building tools? Also explain the features of the tools.

8. (a) What are the pointing devices? Explain direct control pointing devices.
   (b) Explain speech digitization and generation.

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