

Code: R7420506

R7**B.Tech IV Year II Semester (R07) Supplementary Examinations March/April 2013****HUMAN COMPUTER INTERACTION**
(Computer Science and Engineering)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks

- 1 Discuss the importance of good design and benefits of good design.
- 2 (a) Define graphical user interface.
(b) What is meant by direct manipulation in graphical system? What are the characteristics of GUI?
- 3 What is meant by requirement analysis? Discuss the various techniques for determining them.
- 4 (a) What are the interface design goals? Explain about each briefly.
(b) What are the issues to be considered in ordering of screen data and content?
- 5 Describe and state the use of the following screen based controls:
(a) Buttons.
(b) Text entry/read-only controls.
- 6 What is an icon? What are the various kinds of icons? Explain them clearly.
- 7 Give a detailed note about the following specification methods:
(a) Transition diagrams.
(b) State charts.
- 8 (a) Give a brief note about keyboard layouts.
(b) What is meant by function key? List the various function keys. Explain.
