

Code :R7411507

R7

IV B.Tech I Semester(R07) Supplementary Examinations, May/June 2011
HUMAN COMPUTER INTERFACE
(Computer Science & Systems Engineering)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks

1. (a) Discuss in detail about the components of an user interface.
(b) Write the history of graphical user interface
2. (a) Give brief description about the following:
 - i. Device object.
 - ii. container object.(b) List and explain the various characteristics of web interface.
3. (a) Explain the different techniques for capturing information for determining requirements.
(b) Discuss in detail about the metaphors.
4. (a) Discuss the menu selection guidelines.
(b) Define task related organization. Explain it in detail.
5. Give brief description about the following screen based controls:
 - (a) Drop down and popup list boxes.
 - (b) Tool bar.
6. What are the factors that should be considered for selecting the colors? Explain.
7. (a) Write a detailed note on state charts.
(b) Discuss in detail about the transition diagram.
8. Write short notes on the following:
 - (a) Touch pad.
 - (b) Stylus.
 - (c) Mouse.
 - (d) Lightpen.
