

IV B.Tech II Semester Regular Examinations, Apr/May 2008
HUMAN COMPUTER INTERACTION
(Information Technology)

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. What are the goals of user interface designer? (16)
2. Explain the role of usability testing in user interface design? (16)
3. (a) What are PrographCPX and LabVIEW describe about them? (8)
(b) Is UAN is the best method to describe the user actions? If yes describe? (8)
4. What is task related organization? Give its importance? (16)
5. Write about
 - (a) Digital photography and scanners (8)
 - (b) Digital Video (8)
6. (a) Describe nonanthropomorphic descriptions of printed manuals. (8)
(b) Describe development process of printed manuals. (8)
7. Describe steps for individual window design and also explain window interface actions. (16)
8. What is the importance of searching? Explain different task actions. (16)

Code No: RR421201

Set No. 2

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Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. Explain Object Action Interface model? (16)
2. Explain the role of usability testing in user interface design? (16)
3. Explain direct manipulation programming? (16)
4. Explain different types of menus? (16)
5. Explain VDU and different types of display devices? (16)
6. Differentiate paper manuals and displays? (16)
7. What are elastic windows? Explain personal role management. (16)
8. What is hypermedia and hypertext differentiate? (16)

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Set No. 3

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Max Marks: 80

Answer any FIVE Questions
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1. How to accommodate human diversity in user interface design? (16)
2. How surveys help in better designing? (16)
3. Describe the factors in choosing any user interface building tools? (16)
4. Explain different types of menus? (16)
5. Explain VDU and different types of display devices? (16)
6. What is the importance of training user interface? Explain different types of user manuals and online materials? (16)
7. Explain steps for multiple window design. (16)
8. What is information visualization explain different data types of Type by Task Taxonomy (TTT). (16)

Code No: RR421201

Set No. 4

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(Information Technology)

Time: 3 hours

Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks

1. Describe goals of user interface design? (16)
2. Explain how expert reviews help in designing and developing? (16)
3. (a) Explain about VisiCalc spreadsheet and its descendants? (8)
(b) Write few notes on CAD? (8)
4. Explain different types of menus? (16)
5. Write brief notes on keyboards, keyboard layouts, keys and function keys? (16)
6. (a) Give the steps to develop effective messages. (8)
(b) Give guidelines to form error message for end product for development process. (8)
7. What is asynchronous interaction? How it can be achieved? (16)
8. Explain about multimedia document searches. (16)
