

Term End Examination - May 2013

Course : ITE210 - Human Computer Interaction Slot: B1+TB1

Class NBR : 2923

Time : Three Hours Max.Marks:100

NOTE: 1. Answer the question by points.

2. Draw diagram colorful to highlight HCI.

PART - A (8 X 5 = 40 Marks) Answer <u>ALL</u> Questions

- 1. State the design principles to develop an effective interactive system.
- 2. Specify the user and job characteristics requirements for form filling Interaction style.
- 3. What are the different techniques used to evaluate the interface without users?
- 4. Determine the specification of interaction design by User action notation with example.
- 5. Elucidate the low fidelity prototype and high fidelity prototype with example.
- 6. What is acceptance testing?
- 7. Distinguish Information retrieval and database query language.
- 8. What are the authoring tools used to create an interactive system?

PART - B (6 X 10 = 60 Marks) Answer any <u>SIX</u> Questions

- 9. Evaluate the requirement analysis for user, knowledge and expertise, job and characteristics for the Banking application.
- 10. Develop a command oriented system for the Teller machine to buy candy and to perform all transaction as per the limitation of 20 and 15 candy each cost Rs.10.
- 11. Illustrate the task analysis for the application IRCTC.
- 12. Generate the story boarding for the task to order and purchase the product online.
- 13. Identify the problem in apple maps and develop a solved hypermedia application.
- 14. Design a Library Management System application in MENU oriented interaction style and evaluate the different types of MENU depending upon the task.

- 15. What are the different ways of interaction style for menus, command and direct manipulation? Illustrate.
- 16. Compare and contrast the state transition and Petri-net specification of the interaction design with example.

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