Term End Examination - May 2013

Course   :   **ITE210**   -   **Human Computer Interaction**   **Slot: B2+TB2**

Class NBR   :   2926

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 ALL Questions

1. What is usability testing and in what way it is used for interface design?

2. Evaluate the user and job characteristics requirements for the graphical Interactive application.

3. State the design principles to develop an effective interactive system.

4. Define KLM model and evaluate the model with example.

5. Differentiate various methods of representing the Task Analysis.

6. What are the different techniques used to evaluate the interface with users?

7. Elucidate the paper prototype and software prototype with example.

8. Enrich the concept of metaphor in direct manipulation.

PART – B (6 X 10 = 60 Marks)
Answer any SIX Questions

9.   Create the story boarding for the task to configure the network.

10. Illustrate the Hierarchical Task Analysis (HTA) for the Skype.

11. Evaluate the requirment analysis for user, knowledge and expertise, job and characteristics for the ecomerce application.

12. Develop a command oriented system for the coffee machine to perform all transaction as per the guidelines.

13. Discuss different design levels of Icons. Take any real world software as example and explain the following terms on that software with time to learn, speed of performance and rate of errors.

14. Explain in detail on different types of Survey methods with an example.

15. Design a Paint application in MENU oriented interaction style and evaluate the different types of MENU depending upon the task.

16. Develop a Hypermedia system for Utility web application.

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