

Regular Arrear Examination - December 2013

Course : ITE210 - Human Computer Interaction

Time : Three Hours Max.Marks:100

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

- 1. Discuss the various diversity among human personalities specified by Carl Jung.
- 2. Few principles need to be followed for landing up with a good design. Specify.
- 3. What are the goals that need to be set in mind by the designers before starting evaluation?
- 4. Brief the type of Expert Review which is rarely used in industries.
- 5. Analyze the function keys in a keyboard layout.
- 6. List the various types of menus available and discuss them in detail.
- 7. Briefly discuss the various Icon designs available.
- 8. Discuss in detail about the tips and the formats for usage of sound in internet.

$PART - B (6 \times 10 = 60 \text{ Marks})$

Answer any SIX Questions

- 9. "The remarkable diversity of personalities, cultural and international diversity, disabilities and elderness challenges interactive system designers." Justify this statement with respect to Performance Models.
- 10. In a company, the interfaces designed by the designer need to be evaluated for the verification of consistency and unusual patterns. Hence they call out for Consistency Inspection. You need to design the interface for the following problem definition. The company follows a "Bird's-eye view" inspection technique.
 - "A web portal has to be designed where the major functionality is to register for new user and then to authenticate the user based on finger-print recognition technology"
- 11. Conduct a HTA for a birthday blast(surprise to your best friend's birthday), from the point where you plan for the events, to the point where you order all required and enjoy the party. Identify at least 5 tasks. Every task has to have sub-tasks(at least 2 levels). Give the textual as well as diagrammatic representation.

- 12. Create a paper storyboard for the following problem definition.
 - "A web portal has to be designed where the major functionality is to purchase products online and to make payment online."
- 13. "The color is important in multimedia design"- discuss the importance of each color in RGB.
- 14. Justify the statement "Speech recognition still does not match the fantasy of science fiction."
- 15. Discuss the Object Action Interface Model for website Design.
- 16. Discuss in detail the four phrase framework for database query and phrase search.

