

FACULTY OF INFORMATICS

B.E. 4/4 (IT) II-Semester (Main) Examination, May 2011

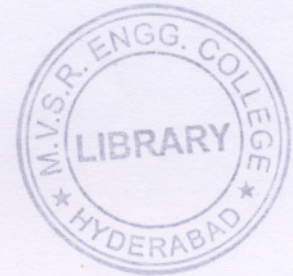
**Subject : Human Computer Interaction
(Elective-V)**

Time : 3 Hours

Max. Marks: 75

Note: Answer **all** questions of Part - A and answer any **five** questions from Part-B.**PART – A (25 Marks)**

1. What are the guidelines to reduce memory loads?
2. What is a true icon? Give example.
3. What is the difference between a slip and a mistake?
4. What is design consistency? How is it achieved?
5. What are pointing devices?
6. What is participatory design?
7. What are completion aids?
8. What are intent indicators in menu choice description?
9. What are interface metaphors?
10. What is key stroke model?

**PART – B (5x10=50 Marks)**

- 11.(a) What are the characteristics of Direct manipulation system?
(b) Compare the characteristics of novice users and Experts users.
- 12.(a) What are conceptual models? Describe two major steps in conceptual model preparation.
(b) What are design standards and style guides? How they are useful for developers and users?
- 13.(a) What are site maps? How are they useful in website Navigation?
(b) Describe different presentation styles of windows.
- 14.(a) What are different ways of providing contextual help?
(b) What are the uses and disadvantages of Auditing? Give the guidelines of using auditing in user Interfaces.
15. What are life cycle models? Compare and contrast watershad life cycle model with spiral life cycle model. Discuss their relevance to HCI.
16. What is an evaluation paradigm? Describe different evaluation paradigms.
17. Write short notes on the following :
(a) Gestalt heuristics of perception
(b) Choosing coders for web pages
(c) Predictive models