FACULTY OF INFORMATICS

B. E. 4/4 (I.T.) I – Semester **(Old)** Examination, July 2010

Subject : **Human Computer Interaction**
(Elective – III)

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.   List out the kinds of Icons   (3)

2.   What is meant by cognitive walkthroughs ?   (3)

3.   What are tool tip guidelines?   (2)

4.   What is conceptual design?   (3)

5.   List out the various device based controls.   (2)

6.   What is user centered approach ?   (3)

7.   What are different types of borders ?   (2)

8.   What are the cognitive disabilities ?   (3)

9.   Enumerate the kinds of tests.   (2)

10.   What is the importance of user interface?   (2)

PART – B (5x10=50 Marks)

11.   What are the general principles in the design of user interface?   (10)

12.   Explain the direct methods for determining business requirements ?   (10)

13.   Explain (a) Primary windows   (b) Secondary windows   (5+5)

14.   Explain about conceptual models.   (10)

15.   Explain about social mechanisms of collaboration and communication.   (10)

16.(a) Comparison of GUI controls   (5)
    (b) Explain about interface metaphors   (5)

17.   Write short note on the following :
      (a) Layout of web pages   (3)
      (b) Predictive models   (3)
      (c) Life cycle models   (4)