FACULTY OF INFORMATICS

B.E. 4/4 (I.T.) II-Semester **(Main)** Examination, May / June 2012

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.   Differentiate between application oriented and object oriented graphical systems.
2.   What are design standers?
3.   What are different window presentation styles?
4.   What are status messages?
5.   What is the difference between a slip and a mistake?
6.   What is Dithering ?
7.   What are interface metaphors ? Give some samples.
8.   List three types of computer – mediator communication.
9.   What is Anthropomorphism?
10. Differentiate between interface style and interaction style.

PART – B (5x10=50 Marks)

11.(a) Describe different stages in the evolution of screen design.
   (b) What is perceptron? Briefly discuss perceptual characteristics.

12.(a) Give the general guidelines to be followed in the organization of menus.
   (b) Briefly describe different window management schemes provided in Microsoft window.

13.(a) Describe the purpose and usage of tree view control.
   (b) Briefly explain preventive, detective and corrective problem management precisions.

14.(a) Briefly explain how different disabilities are absorbed in Accessibility design.
   (b) Explain the purpose of layout grid in web site design.

15.(a) What are conceptual frameworks for cognition? Explain their usage.
   (b) What is Affordance? Explain its purpose.

16.(a) Explain how HCI design is different from the transitional "waterfall" makes.
   (b) Differentiate between formation and summation evaluation.

17.   Write short notes:
      (a) complexity – simplicity tradeoff
      (b) Contextual help
      (c) Keyswork level make

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