



Code No. : 5266/M

FACULTY OF ENGINEERING
B.E. 4/4 (CSE) II Semester (Main) Examination, May/June 2012
HUMAN COMPUTER INTERACTION (Elective – II)

Time : 3 Hours]

[Max. Marks : 75

- Instructions :** 1) Answer all questions of Part – A.
2) Answer five questions from Part – B.

PART – A

(25 Marks)

1. What is internal consistency ? 3
2. What is usability ? How is it estimated ? 2
3. List the different input devices. What is a logical input device ? 3
4. What is a wizard ? 2
5. What are the pop up windows ? 2
6. Classify computer mediated communication. 3
7. What are different types of Borders ? 2
8. What is anthromorphism ? 2
9. What is user-centred approach ? 3
10. What is GMOS model ? 3

PART – B

(50 Marks)

11. a) What are the major differences between web interfaces and GUI ? 5
b) What is business function ? What guidelines are used to understand the business function ? 5
12. What are screen based controls ? Categorise them and discuss their usage. 10



13. a) Briefly describe two situations when you might use a trackball rather than a mouse. 5
- b) Discuss the accessibility design features. 5
- 14 a) What are different techniques of colour pallet specification ? 5
- b) Give guidelines for designing conceptual models. 5
15. What are life cycle models ? Compare and contrast waterfall life cycle model with spiral life cycle model. Discuss their relevance to HCI. 10
16. a) What are the conceptual frameworks for cognition ? What for they are used ? 5
- b) Why the knowing the client is important in user interface design ? 5
17. Write short notes on :
- a) Kinds of tests in evaluation 3
- b) Device based controls 4
- c) Layout of webpages. 3