

## FACULTY OF ENGINEERING

B.E. 4/4 (CSE) II - Semester (Main &amp; Backlog) Examination, May / June 2019

Subject : Human Computer Interaction (Elective – II)

Time : 3 Hours

Max. Marks: 75

*Note: Answer all questions from Part-A & any five questions from Part-B.*

## PART – A (25 Marks)

- 1 Define analyzing Interaction paradigms. (2)
- 2 What is internal consistency? (3)
- 3 List out different input devices and explain what is a logical input device. (3)
- 4 What is wizard? (2)
- 5 What are the different Interaction Design models? (3)
- 6 Define different types of boards. (3)
- 7 Classify computer mediated communication. (2)
- 8 Evaluate usability goals. (2)
- 9 Explain about GOMS. (3)
- 10 Define “user- centered approach”. (2)

## PART – B (50 Marks)

- 11 a) Define the business function. What guidelines are used to understand the business function. (5)
- b) Describe the characteristics of Web user interfaces? (5)
- 12 a) What are different Navigation aids in web system? (6)
- b) Explain about Iterative Design. (4)
- 13 Explain briefly about Interface Design Standards. (10)
- 14 Write short notes on
  - a) Writing scripts. (5)
  - b) Running a pilot test. (5)
- 15 Discuss about technical issues Concerning haptics? (10)
- 16 a) Explain about tele operation. (5)
- b) Define “scientific visualization”. (5)
- 17 a) Explain what is dual nature of Icons. (4)
- b) Explain about web text and Dynamic text presentation. (6)

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