510110B: Elective – II (Usability Engineering)(2013 Pattern)

Marks: 50

Time: 3 Hrs.

Date: 02 June 2015

Instructions for the students

1. **Any THREE questions have to be attempted from Q1 to Q6**

2. **Q7 and Q8 are compulsory**

3. **Each question carry 10 marks**

Q1.

a. Explain importance of human factors in design. [5Mks]

b. What are various disciplines contributing to HCI? [5 Mks]

Q2.

a. Briefly explain what is meant by the terms perception, physiology and cognition.[5Mks]

b. What is Goal directed Design [5 Mks]

Q3.

a. Write motivations for Human Factors in Design. [5Mks]

b. What is difference between a UI developer and a software engineer? [5Mks]

Q4.

a. Describe two situations where you would not use a menu in an interface. [5Mks]

b. What should be the criteria for selecting design model in UI design? [5Mks]

Q5.

a. What is role of choice of color in UI design? [5 Mks]

b. Explain classes of UI design. [5 Mks]

Q6.

a. What is role of analysis in usability evaluation process? [5 Mks]

b. What is the general viewpoint of customer about website? [5 Mks]

Q7.

a. Explain Multi-dimensionality of Usability. [5 Mks]

b. Write different Steps for usability testing, [5 Mks]

Q8.

a. What is role of analysis in usability evaluation process? [5 Mks]

b. What is the general viewpoint of customer about website? [5 Mks]

***** **All The Best** *****