

Total No. of Questions :10]

SEAT No. :

P3998

[5561]-705

[Total No. of Pages : 2

B.E. (I.T.)

**USABILITY ENGINEERING
(2015 Course) (Elective-I) (414456C)**

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) Answer Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8, Q9 or Q10.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to the right indicate full marks.
- 4) Assume suitable data, if Necessary.

- Q1)** a) How novice user becomes an expert user using learnability attributes [6]
b) How interfaces are helpful to reduce user memory load [4]

OR

- Q2)** a) Explain parallel design of interface with example [6]
b) Write a short note on Batch System [4]

- Q3)** a) Explain with example importance of short cut keys in user interface [6]
b) How Good error messages helpful to users to understand the system problems. [4]

OR

- Q4)** a) Explain with example the importance of accelerators in user interface [6]
b) Write a short note on : Meta-Methods. [4]

- Q5)** a) Explain the importance of user satisfaction questionnaire for interface testing [10]
b) What is the role of Experimenter in usability testing [8]

OR

P.T.O.

- Q6)** a) Explain any two usability assessment methods beyond testing [10]
b) Why user feedback is important in usability testing [8]

- Q7)** a) How Multilocale interfaces are more useful to the users [8]
b) How user & Vendor Benefits from Consistency and Standards [8]

OR

- Q8)** a) Explain with example International and National standard for interfaces [8]
b) Write a short note on : International graphical interfaces [8]

- Q9)** a) Explain Organizational role and structure in usability. [8]
b) Describe GOMS Model with diagram [8]

OR

- Q10)** Write a short note on (Any 2) [16]
a) Intelligent User Interfaces
b) Ubiquitous Computing
c) Simulation

