

Total No. of Questions : 10]

SEAT No. :

P3129

[5154]-695

[Total No. of Pages : 2

B.E. (I.T.)

USABILITY ENGINEERING

(2012 Course) (Semester - I) (Elective - I) (414456B)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) *Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8, Q.9 or Q.10.*
- 2) *Neat diagram must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*
- 4) *Assume suitable data, if Necessary.*

Q1) a) How will you measure the usability Android OS Grid view Icons with respect to traditionally associated usability attributes? **[6]**

b) Define Usability. Explain cost saving with an example. **[4]**

OR

Q2) a) Explain Interface Evaluation with Severity Ratings. **[6]**

b) List & explain in short any four discipline contributing to HCI. **[4]**

Q3) a) Explain good error messages with example. **[6]**

b) What care will you take while designing the interface for the blind person. **[4]**

OR

Q4) a) List various issues related to interaction design. Explain in short with example. **[6]**

b) Why we require short cut keys in user interface. **[4]**

Q5) a) How Questionnaires & Interviews are helpful to understand user satisfaction about interface. **[10]**

b) Explain Test Budget in detail. **[8]**

OR

P.T.O.

- Q6)** a) Explain the importance of Experimenter in usability testing. [10]
b) Explain formative & Summative techniques of evaluation. [8]

- Q7)** a) List & explain guidelines for Internationalization. [8]
b) How Tutorials & Manuals are useful to understand user interfaces. [8]

OR

- Q8)** a) Explain dangers of standards in details. [8]
b) How Message box & Dialog box standards are helpful to provide information about user interface. [8]

- Q9)** a) Explain intelligent user interfaces with examples. [8]
b) Explain User Interface Management System. [8]

OR

Q10) Write a short note on (Any 2): [16]

- a) Ethics of Usability.
b) Theoretical Solutions.
c) Organizational role and structure in usability.

