

Government College of Engineering, Aurangabad
(An Autonomous Institute of Government of Maharashtra)

TE (Information Technology) Examination
End Semester Examination 2016-17

IT345: HUMAN COMPUTER INTERFACE (Elective-I)

Time: Three Hours

Date- 24 NOV 2016

Max. Marks: 60

“Verify the course code and check whether you have got the correct question paper”

N.B.:-

- 1. All Questions are Compulsory*
 - 2. Figure to the right indicates full marks*
 - 3. Assume suitable data if necessary and state it clearly*
 - 4. Use of non-programmable calculator is allowed*
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Q.1. Attempt any TWO (6x2=12)

- a. Elaborate the concept of Object/Action Interface Model with its Scope and Limitations.
- b. Explain in detail Principle with Eight golden rules of Interface Design
- c. Describe Fast movement through menus and Content organization.

Q.2. Attempt any TWO (6x2=12)

- a. Emphasis on Three pillars of design.
- b. Describe various software Levels with its main criteria that are required to finding right tool, also distinguish between them
- c. Explain about Visual thinking-icons and 3D interfaces

Q.3. Attempt any TWO (6x2=12)

- a. Explain in detail Manu Layout with its Guidelines and Components.
- b. Illustrate the term Command-Organizational Strategies.
- c. Explain in detail about Specification Methods

Q.4. Attempt any TWO (6x2=12)

- a. Emphasis on Pointing Devices
- b. Explain Synchronous and Asynchronous Interfaces
- c. Describe about color. Give guidelines that highlight the complex potential benefits and dangers of using color coding.

Q.5. Attempt any TWO (6x2=12)

- a. Contrast between Paper versus Online manuals.
 - b. Explain in detailed Challenges for information visualization
 - c. Elaborate the levels of Analysis of Theories and Stages-of-Action Model.
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