

**B.TECH. SEM -VI ( COMPUTER) 2014 COURSE (CBCS) :  
WINTER - 2017**

**SUBJECT: Elective-II HUMAN COMPUTER INTERACTION**

Day : **Friday**  
Date : **24/11/2017**

**W-2017-2199**

Time: **10.00 AM TO 01.00 PM**  
Max Marks: 60

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N.B

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat and labeled diagram **WHEREVER** necessary.
  - 4) Assume suitable data if necessary.
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**Q.1** Explain in detail eight golden rules of HCI. **(10)**

**OR**

Define Murphy's law. Describe its significance in human computer interaction.

**Q.2** Explain characteristics of the graphical user interface and web user interface. **(10)**

**OR**

Discuss in detail principles of user interface with respect to payroll system application.

**Q.3** Explain in detail the process of user interface design with example. **(10)**

**OR**

Analyze user psychological characteristics to develop an ATM interface.

**Q.4** Illustrate with suitable example various navigation schemes. **(10)**

**OR**

List and explain various interface building tools.

**Q.5** Analyze 'Amazon' website using various evaluation methods. **(10)**

**OR**

Identify various design goals for developing a college website.

**Q.6** Discuss in detail various capabilities and characteristics of screen based controls. **(10)**

**OR**

Identify and explain various controls used in Microsoft Word.

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