

**B.Tech. SEM -V Info. Tech. 2014 Course (CBCS) : SUMMER - 2019**  
**SUBJECT: ELECTIVE- I HUMAN COMPUTER INTERACTIONS**

Day: Wednesday  
Date: 15/05/2019

S-2019-2683

Time: 10.00 AM TO 01.00 PM  
Max Marks: 60

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to Right indicate **FULL** marks.
- 3) Assume suitable data **WHENEVER** necessary.

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**Q.1** Explain the benefits of good design. **(10)**

**OR**

**Q.1** Give guidelines for designing effective error messages and Explain different types of windows. **(10)**

**Q.2** What are the characteristics of Web user interface? Explain it in detail. **(10)**

**OR**

**Q.2** Explain the concept of direct manipulation and graphical system. **(10)**

**Q.3** Compare the GUI and Web Page Design. **(10)**

**OR**

**Q.3** Explain the General Principles of User Interface Design. **(10)**

**Q.4** Explain the Design goals of screen planning and screen purpose in detail. **(10)**

**OR**

**Q.4** Explain the Web Statistical Graphics technological interface design. **(10)**

**Q.5** Describe the different types of windows presentation styles. **(10)**

**OR**

**Q.5** Explain Speech recognition system in detail. **(10)**

**Q.6** Explain importance of communication with user for system? What do you mean by clear text message? Explain with suitable example. **(10)**

**OR**

**Q.6** Explain software building tools for interface design. **(10)**

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