

Q.P. Code: 18CS5020

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**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY::PUTTUR  
(AUTONOMOUS)**

**M.Tech I year II Semester Supplementary Examinations Dec 2019**

**HUMAN COMPUTER INTERACTION**

**(Computer Science & Engineering)**

**Time: 3 hours**

**Max. Marks:60**

**(Answer all Five Units 5×12=60 Marks)**

**UNIT I**

- 1 a Explain the importance of Devices and Memory in a computer of HCI. **6M**  
b List out the characteristics of a web interface. **6M**

**OR**

- 2 What is meant by graphical system? Explain the characteristics of graphical system. **12M**

**UNIT II**

- 3 a Discuss about human interaction speeds. **6M**  
b What is meant by basic business function? Explain with example. **6M**

**OR**

- 4 a What are the goals of a screen design? **6M**  
b What are the display/read-only screens? **6M**

**UNIT III**

- 5 a Explain various structures of menus with neat diagrams. **6M**  
b Explain the various types of windows with suitable examples. **6M**

**OR**

- 6 a What are the various components of a Hypertext? Explain. **6M**  
b Discuss the technical issues and problems in WWW site navigation. **6M**

**UNIT IV**

- 7 Discuss in detail about Mobile Information Architecture. **12M**

**OR**

- 8 Explain in detail about Application frameworks with examples. **12M**

**UNIT V**

- 9 a How to select the device based controls? Explain. **6M**  
b What are Operable controls? Give an example. **6M**

**OR**

- 10 Discuss in detail about creation of meaningful graphics, icons and images with examples. **12M**

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