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

M.Tech I year II Semester Regular Examinations June 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 Principles of user interface design. **6M**
b Write a short note on the usability assessment in the design process. **6M**

OR

- 2 a What are the problems that are associated in designing the user interface? **6M**
b Write the characteristics of an Intranet versus the Internet. **6M**

UNIT II

- 3 Briefly explain about visually pleasing composition concept in screen design. **12M**

OR

- 4 Explain the software life cycle process in a HCI software process. **12M**

UNIT III

- 5 a Discuss various components of Multimedia. **6M**
b How to format on Menus? Explain. **6M**

OR

- 6 a What is a menu? Why menus are important? Explain the functions of menus. **6M**
b Write about various window presentation styles. **6M**

UNIT IV

- 7 Explain in detail about Platforms in Mobile Ecosystem with suitable examples. **12M**

OR

- 8 Discuss about Elements of Mobile Design. **12M**

UNIT V

- 9 a What are the differences between Drop-down and Pop-Up Combo boxes? **6M**
b What are the selection controls? Explain. **6M**

OR

- 10 What is prototype? Explain about kinds of tests. **12M**

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