

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

B.Tech IV Year I Semester Supplementary Examinations June-2024
HUMAN COMPUTER INTERACTION

(Common to CSE & CSIT)

Time: 3 Hours

(Answer all Five Units 5 x 12 = 60 Marks)

Max. Marks: 60

UNIT-I

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|---|---|---|-----|----|----|
| 1 | a | Explain in detail the concept of direct Manipulation. | CO1 | L2 | 6M |
| | b | Examine the importance of good design? | CO1 | L3 | 6M |

OR

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|---|--|---|-----|----|-----|
| 2 | | Analyze Xerox STAR's general principle. | CO1 | L4 | 12M |
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UNIT-II

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|---|---|---|-----|----|----|
| 3 | a | Discuss about interaction of people with computers. | CO2 | L1 | 6M |
| | b | What are the human considerations in design? Explain. | CO2 | L2 | 6M |

OR

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|---|--|--|-----|----|-----|
| 4 | | Discuss various technological considerations involved in designing an interface. | CO2 | L2 | 12M |
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UNIT-III

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| 5 | a | Outline the structures of Menus with appropriate sketches. | CO3 | L2 | 6M |
| | b | Explain in detail various Window characteristics. | CO3 | L2 | 6M |

OR

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| 6 | | Explain about Device-based controls and Screen-based controls. | CO4 | L2 | 12M |
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UNIT-IV

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| 7 | a | What is an Icon? Explain different icons in detail. | CO5 | L1 | 6M |
| | b | Explain in detail about how to choose colors. | CO5 | L2 | 6M |

OR

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| 8 | | Evaluation procedure for developing and conducting the test. | CO5 | L4 | 12M |
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UNIT-V

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| 9 | a | What is the function of an input device? List various input devices. | CO6 | L1 | 6M |
| | b | Explain in detail about the function of Key board and its function keys. | CO6 | L2 | 6M |

OR

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| 10 | | Explain in brief about Building tools. | CO6 | L2 | 12M |
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