

Reg. No: 

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**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR**  
(AUTONOMOUS)**B.Tech IV Year I Semester Regular Examinations February-2022****MANAGEMENT SCIENCE**  
(Common to ECE, CSE & CSIT)

Time: 3 hours

Max. Marks: 60

**PART-A**

(Answer all the Questions 5 x 2 = 10 Marks)

- |   |   |   |    |    |
|---|---|---|----|----|
| 1 | a | What is line organization?                | L1 | 2M |
|   | b | Explain principles of plant layout.       | L2 | 2M |
|   | c | Discuss Job analysis.                     | L2 | 2M |
|   | d | Explain about SWOT analysis.              | L2 | 2M |
|   | e | Business process Re-Engineering –discuss. | L2 | 2M |

**PART-B**

(Answer all Five Units 5 x 10 = 50 Marks)

**UNIT-I**

- |   |   |  |    |    |
|---|---|--|----|----|
| 2 | a | Briefly, explain the Weber's Ideal Bureaucracy.                  | L5 | 5M |
|   | b | Explain the principles of Management as outlined by Henry Fayol. | L5 | 5M |

**OR**

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|---|---|--|----|----|
| 3 | a | What are the various types of organization structures?   | L5 | 5M |
|   | b | Discuss the process of Organizing. Explain the principles to be observed while creating an organization structure. | L6 | 5M |

**UNIT-II**

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|---|---|--|----|----|
| 4 | a | Discuss and Explain the various types plant layout with suitable examples. | L6 | 5M |
|   | b | Explain the concept of work-study and its types.                           | L5 | 5M |

**OR**

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|---|---|---|----|----|
| 5 | a | Explain the functions of marketing.           | L2 | 5M |
|   | b | Explain the concepts of ABC Analysis and EOQ. | L6 | 5M |

**UNIT-III**

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|---|---|--|----|----|
| 6 | a | Explain function of HRM.                         | L3 | 5M |
|   | b | Explain and evaluate the process of recruitment? | L5 | 5M |

**OR**

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|---|---|---|----|----|
| 7 | a | Define training. Explain the types of the job training methods. | L5 | 6M |
|   | b | Discuss the wage and salary administration.                     | L6 | 4M |

**UNIT-IV**

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|---|---|---|----|----|
| 8 | a | Differentiate between PERT and CPM.   | L2 | 6M |
|   | b | Discuss about environmental scanning and explain the process of Environmental scanning. | L6 | 4M |

**OR**

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|---|---|---|----|----|
| 9 | a | How do you formulate and implement a strategy? Explain.                 | L4 | 5M |
|   | b | Explain SWOT analysis and its components by taking an industry example. | L4 | 5M |

**UNIT-V**

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|----|---|---|----|----|
| 10 | a | State the needs for Supply Chain Management and its potential benefits. | L1 | 5M |
|    | b | State different forms of materials requirements planning.               | L3 | 5M |

**OR**

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|----|---|--|----|----|
| 11 | a | What is balanced scorecard? How it is useful for a company?            | L1 | 5M |
|    | b | What is knowledge management? Explain Its importance and models of KM. | L5 | 5M |

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