

Reg. No:

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

**B.Tech III Year II Semester Regular Examinations July-2021**

**MANAGEMENT SCIENCE**

(Electrical and Electronics Engineering)

Time: 3 hours

Max. Marks: 60

**PART-A**

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

- |   |   |                                       |    |    |
|---|---|---------------------------------------|----|----|
| 1 | a | What are the functions of management? | L1 | 2M |
|   | b | What are the types of plant layouts?  | L2 | 2M |
|   | c | Define personnel management.          | L5 | 2M |
|   | d | Define vision.                        | L2 | 2M |
|   | e | Explain JIT.                          | L1 | 2M |

**PART-B**

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

**UNIT-I**

- |   |   |    |     |
|---|---|----|-----|
| 2 | Mention the elements of Scientific Management outlined by Taylor 's scientific theory | L6 | 10M |
|---|---|----|-----|

**OR**

- |   |  |    |     |
|---|--|----|-----|
| 3 | Explain the principles of Management as outlined by Henry Fayol's. | L5 | 10M |
|---|--|----|-----|

**UNIT-II**

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|---|--|----|-----|
| 4 | Discuss and Explain the various types plant layout with suitable examples. | L6 | 10M |
|---|--|----|-----|

**OR**

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|---|--|----|-----|
| 5 | Explain the concept of work-study and its types. | L5 | 10M |
|---|--|----|-----|

**UNIT-III**

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|---|--|----|-----|
| 6 | Define HRM. Explain and its functions. | L5 | 10M |
|---|--|----|-----|

**OR**

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|---|--|----|-----|
| 7 | What is Job evaluation? Explain various methods of Job Evaluation. | L5 | 10M |
|---|--|----|-----|

**UNIT-IV**

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|---|---|----|-----|
| 8 | Discuss about environmental scanning and explain the process of environmental scanning. | L6 | 10M |
|---|---|----|-----|

**OR**

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|---|-------------------------------------|----|-----|
| 9 | Differentiate between PERT and CPM. | L2 | 10M |
|---|-------------------------------------|----|-----|

**UNIT-V**

- |    |   |    |     |
|----|---|----|-----|
| 10 | Explain the enterprise resource planning and its utilities in management. | L5 | 10M |
|----|---|----|-----|

**OR**

- |    |  |    |     |
|----|--|----|-----|
| 11 | What is Bench Marking and how does an organization derive benefit from such initiatives? | L1 | 10M |
|----|--|----|-----|

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