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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY: PUTTUR

(AUTONOMOUS)

B. Tech III Year I Semester Regular Examinations March-2023**MANAGEMENT SCIENCE**

(Open Elective-I)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a Define Management and Explain nature and importance of Management. CO1 L1 6M
 b "Management is an art of getting things done through others" –Discuss. CO1 L2 6M

OR

- 2 a Determine Line & Staff organization structure. What are its Merits and Demerits? CO1 L3 6M
 b Elucidate committee organization. CO1 L3 6M

UNIT-II

- 3 a Define production and what are the different methods of production? CO2 L2 6M
 b Elucidate the Quality assurance and Quality control. CO2 L4 6M

OR

- 4 a Explain importance of ABC Analysis and try to list at least two items of each class in case of mobile electronics service-dealer with Sony/Nokia/Samsung. CO2 L5 6M
 b A company makes bicycles. It produces 450 bicycles a month and works 12 months a year. It buys the tires for bicycles from a supplier at a cost of \$20 per tire. The company's inventory carrying cost is estimated to be 15% of cost and the ordering is \$50 per order (irrespective of the order size). Calculate the EOQ, number of orders in a year, total annual ordering cost, inventory carrying cost and total cost of this inventory policy. CO2 L5 6M

UNIT-III

- 5 a Define Human Resource Management and describe its importance. CO3 L1 6M
 b Managerial and operative function is tool to improve efficiency-Justify your answer. CO3 L5 6M

OR

- 6 a Illustrate about training. How do you identify the needs for training? CO3 L3 6M
 b Differentiate between On-the-Job and Off-the-Job training methods. CO3 L2 6M

UNIT-IV

- 7 a Discuss about basic network terminology application. CO4 L2 6M
 b Indicate Rules for drawing network analysis and discuss its terminology. CO4 L2 6M

OR

- 8 a Express the process of strategy formulation and implementation? CO4 L2 6M
 b What is environmental scanning? Explain Internal environment by taking an example. CO4 L1 6M

UNIT-V

- 9 Discuss Management Information System (MIS) and how it works in an organization. CO5 L2 12M

OR

- 10 a How does Just-InTime (JIT) help in reducing costs? CO5 L2 6M
 b Evaluate the importance of Total Quality Management. (TQM) CO5 L4 6M

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