Code No: MB1624/R16

Time: 3 Hours   **Max. Marks: 60**

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*Answer Any **FIVE** Questions*
All Questions Carry Equal Marks
Question No. 8 is Compulsory

1.	a	Define operations management and explain its features and functions.	6M
	b	Discuss the scope and importance of operations management. What are the recent trends?	6M
2.	a	Write the basic features of Mass, Batch production systems.	6M
	b	Explain the fundamental philosophy of IIT.	6M
3.	a	"Plant planning begins with location". Do you agree with this statement? Critically Examine the factors which will influence for location of a plant	6M
	b	Discuss the importance of flexibility, balance and sequence of operations in layout of a Plant	6M
4.	a	What is Value Analysis ? Discuss its elements, and role in the present day of competitive environment.	6M
	b	What is Method Study explain the components of method study?	6M
5.	a	What is Inventory Management? Explain various aspects of inventory planning and control	6M
	b	Explain the Deming's 14 principles.	6M
6.	a	What do you mean by Productivity and What are the factors affecting productivity?	6M
	b	Explain ISO 9000-2000clauses & coverage in quality improvement	6M
7.	a	What are the objectives of stores management?	6M
	b	Explain the VED analysis and FNSD analysis of Inventory Management .	6M

8.	We have the following data for an item that we purchase regularly: annual requirements (R) =10000 units; order preparation cost , (C_p) = Rs 25 per order , inventory holding cost , (C_h)-Rs10per unit per year	12M

      i.   Computer the economic order quantity (EOQ)
      ii.   Compute the number of orders that must be placed each year and
      iii.   Compute the average inventory if EOQ units are ordered at one time, and Compute the annual cost of inventory

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