

NOTE:

1. All questions are compulsory
2. All questions carry equal marks
3. Figures to the right indicate equal marks

Q.1. Fill In the Blanks (1 Marks Each)

(10 Marks)

1. A mix layout is a combination of process layout and _____ layout
2. Production control is _____ activity to production planning
3. The maintenance of good _____ relation helps in creating better image in business circle
4. The term productivity refers to the relationship between _____ and factors
5. Performance _____ cost are also known as quality inspection cost
6. Kaizen is the practice of _____ improvement
7. Design of experiment as an approach to Management argued by _____
8. _____ Classification is based on the value of inventory Store
9. _____ management is a controlling process to confirm the quality of product to a certain predetermined standard
10. Materials Management is concerned with the management of _____ resources

Q.1.B. Match the following (1 Marks each)

(5 Marks)

A	B
(a) Standardisation	(1) Horizontal transportation
(b) planning principles	(2) Ordered quantity divided by 2
(c) tractors and trailers	(3) Function of transport department
(d) F-S-N classification	(4) Vertical form of transportation
(e) Average inventory	(5) Functions of material department
	(6) Accounts the pattern of issues from stores
	(7) Material handling and storage activities

Q2. Answer the Following

(15 Marks)

- a. Explain Flow Production in detail? (8 Marks)
 - b. Explain Production System in Detail? (8 Marks)
- OR
- c. Explain in Detail types of purchasing system? (8 Marks)
 - d. Define Plant Layout and explain characteristics of efficient plant layout? (7 Marks)

Q3. Answer the Following

(15 Marks)

- a. Define material handling and explain objectives of material handling? (8 Marks)
- b. Explain any two Inventory control techniques? (7 Marks)

OR

- c. Explain principles of material handling? (8 Marks)
- d. Explain EOQ Model in detail? (7 Marks)

Q4. Answer the Following

(15 Marks)

- a. Explain Problem solving techniques – Kaizen in detail with its features? (8 Marks)
- b. Explain concepts of productivity in detail? (7 Marks)

OR

- c. Explain features of TQM? (8 Marks)
- d. Explain Quality Crisis and features of Quality Crisis? (7 Marks)

Q5. Answer Any Three (5 marks each)

(15 Marks)

1. Speculation
2. VED Analysis
3. Kaizen
4. Juran Trilogy

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