

NOVEMBER 2018

72225/MAM5C

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. List out the different types of production design.
2. State the information required to do process planning.
3. How the government policy effects the selection of location?
4. Define plant layout.
5. Write a short note on stationary layout.
6. What are the inputs of MRP?
7. Mention the different relative inventory control techniques.
8. What are the uses of standard time?
9. Define the term inspection.
10. State the techniques of statistical quality control.

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11. What do you mean by service delivery?
12. What are the classification and codification of stock?

SECTION B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. State the objectives of factors affecting the design of a product.
14. Explain sergeant Florence theory of plant location.
15. State the characteristics and advantages of good plant layout.
16. What are the limitations of economic batch quantity production model?
17. What are the advantages and limitations of ABC analysis?
18. Briefly describe the various recording aids used in method study.
19. List out the essential step for inspection.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. What are the fundamental factors which have to be considered in deciding about the location of plant for profitable working?
21. Explain the principles of good plant layout.
22. What is just time inventory system? What are the elements of just in time inventory system?
23. What is meant by selective inventory control? State and explain the different selective inventory control technique.
24. Describe the steps in making time study and computing standard time.