

[Total No. of Questions - 20] [Total No. of Printed Pages - 3]
(2125)

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MBA 2nd Semester Examination
Production and Operations Management (NS)
MBA-205

Time : 3 Hours

Max. Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : The question paper will consist of THREE sections A, B and C.

- (i) Section A will contain TEN short note type questions carrying 2 marks each. In this section all the questions are COMPULSORY.
- (ii) Section B will contain SIX short answer type questions carrying 5 marks each, out of which student has to answer ANY FOUR.
- (iii) Section C will contain FOUR Essay type Questions of 10 marks each, out of which student has to answer ANY TWO.

SECTION - A
(Compulsory)

1. Is preventive maintenance always the best maintenance policy?
2. What is Kanban production system?
3. Describe in brief the Just in Time inventory system.
4. Is it always advisable to purchase in bulk if discount is offered?

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5. What is the difference between PERT and CPM ?
6. What is safety stock? Why is it needed?
7. Is standard time of a job always greater than its normal time?
8. A material is consumed at a uniform rate of 1000 units per day. The lead time is 3 days, safety stock being 500 units. Calculate the reorder point.
9. Write four cost factors that encourage companies to carry large inventories.
10. Write four cost factors that discourage companies from carrying large inventories. (2×10=20)

SECTION - B

(Attempt any Four, 5 marks each)

11. Describe the mass and process types of production systems. Give examples of the industries where these systems are suitable.
12. What is production planning and control? Discuss its objectives and functions.
13. Define productivity. On what factors does it depend? How is productivity measured?
14. What is EOQ? How is it calculated? Derive the formula used for its calculation.
15. What is coding? What is its significance in inventory management? Briefly discuss coding methods.
16. What are the various types of stores ? Enumerate the advantages and disadvantages of centralised stores system. (5×4=20)

SECTION - C

(Attempt any TWO, 10 marks each)

17. What is meant by plant location? What factors affect the choice of a suitable location for a manufacturing plant?
18. 'The fundamental purpose of work measurement is to set time standards for a job.' Discuss. How is the standard time for a job calculated?
19. Write a detailed note on total quality management. What is the significance of six sigma?
20. What is capacity planning? What factors affect capacity planning? What major capacity planning decisions a company has to make? (10×2=20)