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Question Paper Code : X 85130

M.B.A. DEGREE EXAMINATIONS, NOVEMBER/DECEMBER 2020
Elective
BA 5026 – MATERIALS MANAGEMENT
(Regulations 2017)

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions

PART – A

(10×2=20 Marks)

1. What do you mean by aggregate planning ?
2. Mention cost techniques used in master scheduling.
3. What is meant by BOM ?
4. Differentiate MRP – I and MRP – II.
5. What is newsvendor model ?
6. What are the reasons for stocking items in inventory ?
7. Define international purchasing.
8. How purchase order is used in industry ?
9. Define VED analysis in stores management.
10. What are the indicators on which performance can be evaluated ?

PART – B

(5×13=65 Marks)

11. a) What is master production scheduling ? Explain it with an example.

(OR)

- b) List and briefly discuss different phases of manufacturing planning and control.



12. a) What do you understand by MRP ? Discuss the role and scope of ERP for MRP.
(OR)
b) List and explain the steps of implementation design of MRP – II.
13. a) What are the types of model of inventory system ? Explain them in detail.
(OR)
b) AB industry needs 5400 units/year of a bought out component which will be used in its main product. The ordering cost is Rs. 250 per order and the carrying cost per unit per year is Rs. 30. Find
i) Economic order quantity (4)
ii) Number of orders per year (4)
iii) Time between successive orders. (5)
14. a) Discuss in detail about the guidelines for purchasing capital equipment with suitable illustrations.
(OR)
b) With suitable illustrations, discuss in detail about the supplier/vendor selection criteria.
15. a) Briefly explain ABC analysis is stores management with a suitable example.
(OR)
b) With suitable examples, discuss in detail about the legal and normal types of warehouses.

PART – C

(1×15=15 Marks)

16. a) “Demand Management is a market driven process” – Explain.
(OR)
b) Movement and storage are the two basic functions of warehousing. Discuss the emphasis placed on these two basic functions in cross-docking, distribution and basic raw material warehouses. What is the rationale for the similar or different emphasis ?
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