

BBA
FIFTH SEMESTER (SPECIAL REPEAT)
FUNDAMENTALS OF PRODUCTION & OPERATION MANAGEMENT
BBA-501

(Use separate answer scripts for Objective & Descriptive)

Duration : 3 hrs.

Full Marks : 70

(PART-A : Objective)

Time : 20 min.

Marks : 20

Choose the correct answer from the following:

1X20=20

1. is the location models which helps to examine the ideal location.
 - a. HML analysis
 - b. EOQ model
 - c. Factor rating method
 - d. None of these
2. is one of the wastes from the 8 types of wastes in manufacturing.
 - a. Over Processing
 - b. Right time
 - c. Vendor Selection
 - d. None of these
3. Transformation process is:
 - a. The conversion of input into output
 - b. Re-designing of business process
 - c. Re-creating the production process
 - d. All of the above
4. Plant layout emphasize on:
 - a. Choice of region & arrangement of a particular site
 - b. The physical arrangement of production facilities
 - c. Both (a) & (b)
 - d. None of these
5. is one of the example of Fixed Position Layout.
 - a. Food products
 - b. Truck
 - c. Car
 - d. Ship
6. Strategic decisions are taken by:
 - a. Top level managers
 - b. Lower level managers
 - c. Middle level managers
 - d. None of these
7. is one of the reason for revision of layout.
 - a. Security
 - b. Technological advancements
 - c. Aesthetic factors
 - d. None of these
8. refers to a production system where the equipment or machineries are located along a straight line.
 - a. Line layout
 - b. Functional layout
 - c. Both
 - d. None
9. is a Production Planning system
 - a. Process
 - b. Conversion process
 - c. Routing
 - d. None of these
10. Production control means:
 - a. Controlling the production plan in the manufacturing process
 - b. It is the implementation planning in reality
 - c. Implementation of the production planning with inspection
 - d. All of the above

11. One of the function in Production control:
 - a. Estimating
 - b. Inspection
 - c. Loading
 - d. None of these
12. Production planning & control related to each other because:
 - a. Planning is done before the manufacturing process and control is done at the time of manufacturing
 - b. These relation is like cause & effect
 - c. Both (a) & (b)
 - d. None of these
13. Physical control of materials is one of the function of:
 - a. Materials management
 - b. Logistics management
 - c. Purchasing management
 - d. None of these
14. The meaning of Safety stock is:
 - a. A level of extra stock to maintain the risk of stock outs
 - b. Emergency stock for any departmental store
 - c. The stock reserve against increased in demand
 - d. All of the above
15. Purchasing department of a manufacturing plant responsible for:
 - a. Negotiating with suppliers
 - b. Buying of raw materials
 - c. Both (a) & (b)
 - d. None of these
16. is one of the Inventory control techniques.
 - a. HML analysis
 - b. Factor Rating Method
 - c. Fixed order Quantity
 - d. None of these
17. is one of the main components of production system.
 - a. Conversion process
 - b. Product design
 - c. Product quality
 - d. None of these
18. Financial forecasting is an example of decisions taken by.....level of employee.
 - a. Lower level
 - b. Middle level
 - c. Top level
 - d. None of these
19. analysis is the act of choosing between manufacturing a product or purchasing it from an external supplier.
 - a. ABC analysis
 - b. FSN analysis
 - c. Make or buy analysis
 - d. None of the above
20. Full form of JIT is:
 - a. Just In Technique
 - b. Just In Time
 - c. Just Inventory Time
 - d. None of these

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(PART-B : Descriptive)

Time : 2 hrs. 40 min.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

1. How Production and Operation management can define the success of an organisation. Explain. 10
2. a. How design and location of Service Facility Layout can help an organization's success? 8
b. Explain what is Revision of Layout. 2
3. a. Write down the principles for an Ideal manufacturing layout of an organization. 4
b. In what areas various types of layout can help an organisation? 6
4. a. How Location of production unit can influence an organisation? 5
b. What are the factors that an organisation should consider before finalizing site of production unit? Explain briefly. 5
5. Write down the Role of Inventory Management in Manufacturing unit in an economy. 10
6. "Quality Management is the backbone for Production unit."-Justify. 10
7. a. Discuss the various roles of JIT as Inventory control tools. 7
b. How HML analysis is used to control Inventory? 3
8. a. Describe about Product & Process Layout in production units. 4
b. Discuss the current trend of Production and Operation practice in India. 6

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