

**MASTER OF BUSINESS ADMINISTRATION
SECOND SEMESTER
PRODUCTION & OPERATION MANAGEMENT
MBA-206**

Duration : 3 hrs.

Full Marks: 70

(PART-A: Objective)

Time : 20 min.

Marks : 20

Choose the correct answer from the following:

1X20=20

1. Production management includes
 - a. Production Planning
 - b. Production Control
 - c. Inventory Control
 - d. All of these
2. Which of the following is not an objective of operations management?
 - a. Cost Cutting
 - b. Customer satisfaction
 - c. Timeliness
 - d. Employee retention
3. Lillian and Frank Gilbreth are responsible for principles of
 - a. Zero inventory
 - b. Socio technical systems
 - c. Motion study
 - d. Interchangeable parts
4. Capacity decisions have a direct influence on performance of production system in respect of -----
 - a. Manpower
 - b. Plant size
 - c. Quality control
 - d. Delivery performance
5. Henry Ford is noted for his contributions to...
 - a. Batch Production
 - b. Job Shop Production
 - c. Assembly Line of Production
 - d. None of these
6. Cost incurred by a manufacturing unit can be in the following forms
 - a. Stock out and Over stocking
 - b. Over and Under Production
 - c. Over and Under Utilization of Capacity
 - d. All of these
7.involves the activities relating to procuring materials and supplies consumed during production
 - a. Selling
 - b. Dispatching
 - c. Purchasing
 - d. Distribution
8. The basic inputs to an operating system are ____, ____, and ____.
 - a. Man, Machine and Material
 - b. Land, Machine and Capital
 - c. Man, Machine and Capital
 - d. Land, Labor and Capital

9.refers to extra inventory kept on hand in case of manufacturing delays or an unexpected increase in demand
- a. Added Inventory
b. Over Stock
c. Under Stock
d. Buffer Stock
10. The price reductions offered to customers for large orders, to encourage them to purchase in large quantities is known as ____.
- a. Normal Discounts
b. Quantity Discounts
c. Premium Discount
d. None of these
11. Toyota is listed among the most influential organization on their contribution to POM regarding...
- a. Quality Management
b. Production Control
c. Lean Management
d. Value engineering
12. The time period between placing an order its receipt in stock is known as
- a. Carrying Time
b. Delivery time
c. Shortage Time
d. Lead Time
13. Walter Shewhart is listed among the most important people of POM because of his contributions to
- a. Assembly Line Production
b. Just-In-Time Inventory Methods
c. Measuring Productivity In The Service Sector
d. Statistical Quality Control
14.is the term used to describe the set of statistical tools used by quality professionals for the purpose of quality control
- a. Statistical quality control
b. Population study
c. Accounting standards
d. None of these
15. is the process of selection of path, which each part of the product will follow
- a. Follow-Up.
b. Dispatching
c. Routing.
d. Scheduling
16. Moving of materials from the store room to the machine and from one machine to the next machine during the process of manufacture is called.....
- a. VED analysis
b. Material handling
c. ABC analysis
d. None of These
17. Which of the following is not an inventory
- a. Raw Materials
b. Semi Finished goods
c. Machinery
d. Finished Goods
18. ISO 14001:2015 Certification is related to
- a. Energy Management Systems
b. Environment Management Systems
c. Organizational Sustainability
d. Organization Risk Management
19. Which Certification is related to QMS (Quality management Systems)?
- a. . ISO 9001:2008
b. ISO 28000
c. ISO 26000
d. ISO 31000

20. Lean management focuses on

- a. Defining value from the standpoint of the end customer
- b. Eliminating all waste in the business processes
- c. Continuously improving all work processes, purposes and people
- d. All of these

(PART-B : Descriptive)

Time: 2 HRS 40 MINS

Marks : 50

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

1. Define Production and Operations Management. What are the distinctive functions of Production and operations Management? 5+5=10
2. Discuss the different types of Production with examples. Define Aggregate Planning. 7+3=10
3. Define Processes? What do you understand by process analysis ? Briefly explain the concept of Process design and mention their different types. 2+2+6=10
4. What are the factors the factors influencing a product design? With the help of a suitable flow diagram indicate a process flow. 6+4=10
5. Indicate and describe the factors affecting a decision regarding Plant/Facility location. 10
6. Elucidate the concept of Production Planning and Control. Briefly describe the factors determining production control procedures. Role of PPC in operations management. 3+4+3=10
7. Define Lean Management. What are the three major components of Lean Management? How do you identify a lean system? 2+4+4=10
8. Write Short note on: 2.5×4=10
 - a)Kaizen,
 - b) MRP,
 - c) Inventory Management,
 - d) Logistics Management

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