



Seat No. : _____

NG-116

November-2025

BBA, Sem.-V

DSC-C-352 : P.O.M.

(Production and Operations Management)

Time : 2:00 Hours]

[Max. Marks : 50

1. (A) Explain the main objectives of production management. 5
1. (B) List down any two different types of production systems. 5

OR

1. (A) Describe the functions of production planning and control. 5
1. (B) Explain briefly the process of product design. 5

2. (A) Discuss the various stages in the process of purchasing. 5
2. (B) Explain any two types of purchasing. 5

OR

2. (A) Distinguish between MRP I and MRP II. 5
2. (B) Explain the key features of an ERP system. 5

3. (A) Write a short note on the factors influencing plant layout. 5
3. (B) Describe any two types of layout. 5

OR

3. (A) Explain briefly six sigma and its process. 5
3. (B) Explain Deming's 14 principles of quality. 5

4. (A) Explain computer integrated manufacturing (CIM) In Automation. 5
4. (B) What do you understand about Lean production ? Discuss it with its basic elements. 5

OR

4. (A) Discuss Japanese 5 "S" Approach. 5
4. (B) Write down a short note on Just-in-time with its characteristics. 5

5. Do as Directed : (Any **10** out of **12**)

10

- (1) _____ means developing new product.
(A) Project design (B) Product design
(C) Process design (D) None of the above
- (2) Which tool is commonly used for visual scheduling and tracking progress in PPC ?
(A) Flow process chart (B) Trembling
(C) Gantt chart (D) Pareto chart
- (3) Material handling has no impact on production efficiency. (True/False)
- (4) SIMO stands for _____.
- (5) Which of the following is a key component of material handling system ?
(A) Human resources (B) Equipments
(C) Financial reporting (D) Marketing
- (6) Which type of purchasing involves a long term contract for multiple shipments ?
(A) Blanket orders (B) Stockless purchasing
(C) Small order purchasing (D) System contracting
- (7) ERP system are limited to inventory management only. (True/False)
- (8) _____ layout is also known as “Functional layout”.
(A) Process (B) Project
(C) product (D) None of the above
- (9) The Japanese fives’ method is used for continuous improvements. (True/False)
- (10) _____ is a visual card.
(A) Kaizen (B) Kinban
(C) Kanban (D) None of the above
- (11) MRP 1 stands for _____.
(A) Material Requirement Planning
(B) Machine Requirement Planning
(C) Manpower Requirement Planning
(D) Manufacturing Requirement Planning
- (12) ISO 22000 is for _____.
(A) Quality management
(B) Organization management
(C) Environment management system
(D) Food safety management