

# AD-131

April-2025

BBA, Sem.-VI

## CC-311 : Production & Operation Management

Time : 2:30 Hours]

[Max. Marks : 70

1. (A) (i) "Production planning and controlling is necessary in production." Discuss the functions of it in detail. 7  
(ii) What is production management ? Explain production methods with suitable examples. 7

**OR**

1. (B) (i) What is production ? Explain the main scope of production in detail. 7  
(ii) Discuss the objectives of production with suitable examples in detail. 7

2. (A) (i) Discuss Material handling principles in brief. 7  
(ii) Explain the purchasing procedure with suitable examples. 7

**OR**

2. (B) (i) What is purchasing ? Discuss its principles in detail. 7  
(ii) Explain the advantages and limitations of MRP 1 in detail. 7

3. (A) (i) Discuss any two types of plant layout with its advantages and limitations. 7  
(ii) Explain - "Six sigma". 7

**OR**

3. (B) (i) Explain - "Deming's 14 principles of quality". 7  
(ii) Discuss factors affecting the plant layout with suitable examples. 7

4. (A) (i) Discuss KAIZEN concepts with "MUDA, GEMBA and STANDARDISATION". 7  
(ii) Explain Lean Production with its elements in detail. 7

**OR**

4. (B) (i) What is Just In Time ? Explain its benefits in brief. 7  
(ii) Explain - "Japanese 5s Approach". 7

5. MCQs : (Any Seven). 14

(1) \_\_\_\_\_ is not one of the functions of production planning and control.

- (a) Estimating (b) Work-study  
(c) Routing (d) Loading

- (2) Objective of work-study is to determine the best \_\_\_\_\_ of performing each operation in production.
- (a) location (b) place  
(c) layout (d) method
- (3) One of the objectives of production management is \_\_\_\_\_.
- (a) reduction of wastage (b) advertising  
(c) issuing of shares (d) brand building
- (4) A software-hardware system used for optimum utilization of company's resources is called \_\_\_\_\_ system.
- (a) MRP (b) Shingo  
(c) Toyota (d) ERP
- (5) \_\_\_\_\_ is a factor affecting the design of layout.
- (a) Marketing (b) Market  
(c) Machinery (d) Mechanics
- (6) MRP means \_\_\_\_\_ Requirement Planning.
- (a) Machine (b) Manpower  
(c) Material (d) Management
- (7) \_\_\_\_\_ is not a material handling equipment.
- (a) Truck (b) Crane  
(c) Lift (d) Drilling Machine
- (8) ISO means International Organization for \_\_\_\_\_.
- (a) Statistics (b) Standardization  
(c) Swimming (d) Sports
- (9) One important aspect of purchasing is to purchase raw material having the \_\_\_\_\_.
- (a) right quality (b) right packaging  
(c) right color (d) right shape
- (10) \_\_\_\_\_ is one of the four pillars of lean production.
- (a) JIT (b) ERP  
(c) MRP (d) SAP
- (11) \_\_\_\_\_ is a generic standard of quality primarily concerned with environmental management.
- (a) ISO-9000 (b) ISO-14000  
(c) ISO-8402 (d) ISO-22000
- (12) \_\_\_\_\_ is one of the 5-“S” of the Japanese quality management system.
- (a) Speed (b) Speaker  
(c) Seiri (d) Shaft
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