

AJ-108

April-2022

BBA, Sem.-VI

CC-311 : Production and Operations

Time : 2 Hours]

[Max. Marks : 50

- Instructions :** (1) All questions in Section-I carry equal marks.
 (2) Attempt any two questions in Section-I.
 (3) Question No. 5 in Section-II is compulsory.

SECTION-I

1. (A) What is Production Management ? Explain the objectives of Production Management. 10
 (B) Differentiate between Continuous Production System and Intermittent Production System. 10

OR

2. (A) Define Purchasing. Discuss the types of Purchasing in detail. 10
 (B) Explain MRP I. Discuss advantages and limitations of MRP I. 10
3. (A) What is a Layout ? Discuss features of Good Layout. 10
 (B) Explain Deming's 14 principles of Quality. 10

OR

4. (A) Elaborate Kaizen as a Quality management technique. Explain guiding principles of kaizen. 10
 (B) What is Lean Production ? Explain basic elements of Lean Production. 10

SECTION-II

5. Read the below statements and choose the appropriate answer. (any 10 out of 15) : 10
- (1) Which of the following is a function of Production, Planning and Control ?
 (a) Work study (b) Method study
 (c) Quality control (d) Routing
- (2) Objective of work study is to determine the best _____ of performing each operation.
 (a) Time (b) Method
 (c) Machinery (d) Material
- (3) ISO stands for _____.
 (a) International System Organization
 (b) International Organization for Standardization
 (c) Internal Structural Organizational
 (d) None of the above

- (4) _____ layout is also known as Line layout.
- (a) Product layout (b) Process layout
(c) Mixed layout (d) Method layout
- (5) _____ is a visual card attached to two bins for inventory management.
- (a) Kaizen (b) Kanban
(c) JIT (d) BPR
- (6) The Japanese term Seiton in 5S stands for _____.
- (a) Sort (b) Scrub
(c) Straighten (d) Standardize
- (7) _____ conveyors are used to move the granular, powdered or liquid materials.
- (a) Bucket (b) Roller
(c) Belt (d) Spiral
- (8) _____ involves movement of materials from one place to another for purpose of processing.
- (a) Purchasing (b) Material handling
(c) Quality management (d) Inspection
- (9) Which of the following is an ultimate objective of Production Management ?
- (a) Material handling (b) Packaging and finishing
(c) Increasing quantity (d) Reduction in fixed cost
- (10) _____ is a purchasing method which incorporates characteristics of Blanket order and stockless purchasing.
- (a) Paperless Purchasing (b) System Contracting
(c) Bulk Purchasing (d) Blended Purchasing
- (11) Construction of infrastructure like Metro rail project is a _____ type of production system.
- (a) Project (b) Continuous
(c) Intermittent (d) Job Shop
- (12) ISO 14000 is a series of standards related to _____.
- (a) Production Management (b) Environment Management
(c) Services Management (d) Food and Safety Management
- (13) In PDCA cycle, A stands for _____.
- (a) Act (b) Accelerate
(c) Accept (d) Appreciate
- (14) _____ is a software hardware system used for optimum utilization of company's resources.
- (a) SCM (b) CRM
(c) ERP (d) JIT
- (15) Work in Progress inventory is low in case of _____ production.
- (a) Continuous (b) Project
(c) Job shop (d) None of the above