

Seat No. : _____

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
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