

# 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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