

**JD-104**

July-2021

BBA, Sem.-VI

**CC-311 : Production and Operation Management**

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 – 5 in **Section – II** is **COMPULSORY**.

**SECTION – I**

1. (A) Define Production. Explain any two types of production system. 10  
(B) Explain the function of Production Planning and Control (PPC). 10
2. (A) Describe the process of Purchasing in detail. 10  
(B) Define MRP I and MRP II. Explain objectives and advantages of MRP I. 10
3. (A) Define plant layout. Discuss the factors affecting plant layout. 10  
(B) Explain the concept of six sigma and state its process. 10
4. (A) Explain the concept of Just In Time (JIT) and its benefits in the modern competitive business environment. 10  
(B) Define Business Process Re-engineering (BRP) and state its features. 10

**SECTION – II**

5. Multiple choice questions : (Any 10 out of 15) 10
  - (1) Production of large planes like Airbus is example of \_\_\_\_\_ type of production.
 

(a) continuous	(b) intermittent
(c) project	(d) job-shop
  - (2) \_\_\_\_\_ is not one of the functions of production planning and control.
 

(a) Estimating	(b) Work-study
(c) Routing	(d) Loading
  - (3) \_\_\_\_\_ conveyors are flat or elevated with upward or downward flow of material.
 

(a) Belt	(b) Chutes
(c) Bucket	(d) Roller

- (4) MRP means \_\_\_\_\_ Requirement Planning.
- (a) Machine (b) Manpower  
(c) Material (d) Mechanics
- (5) Under \_\_\_\_\_ production system, the products is processed in lots.
- (a) Job shop (b) Intermittent  
(c) Project (d) Continuous
- (6) One of the objectives of production management is \_\_\_\_\_.
- (a) Reduction of wastage (b) Advertising and Publicity  
(c) Brand building (d) Issuing of shares
- (7) Deming gave \_\_\_\_\_ principles of quality.
- (a) 11 (b) 13  
(c) 14 (d) 8
- (8) Process layout is also known as \_\_\_\_\_.
- (a) Functional Layout (b) Area Layout  
(c) Approach Layout (d) None of the Above
- (9) ISO means International Organization for \_\_\_\_\_.
- (a) standardization (b) speed  
(c) swimming (d) sports
- (10) The six sigma concept was adopted by the \_\_\_\_\_ company.
- (a) HUL (b) TATA  
(c) Honda (d) Motorola
- (11) EOQ stands for \_\_\_\_\_.
- (a) Environment Open Quality (b) Economic Order Quantity  
(c) Energy Order Quantity (d) Estimating Order Quality
- (12) ISO series for Food Safety Management System is \_\_\_\_\_.
- (a) 11000 (b) 22000  
(c) 14000 (d) 15000
- (13) \_\_\_\_\_ is one of the four pillar of lean production.
- (a) JIT (b) ERP  
(c) MRP (d) SAP
- (14) \_\_\_\_\_ is one of the 5 "S" of the Japanese quality management system.
- (a) Speed (b) Speaker  
(c) Seiri (d) Staff
- (15) Which of the following is cost of quality ?
- (a) Preservative cost (b) Prevention cost  
(c) Persistence cost (d) Prerogative cost