

Seat No. : _____

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
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