

Seat No. : \_\_\_\_\_

# MO-109

March-2019

B.B.A., Sem.-VI

## CC-311 : Production & Operations Management

Time : 2:30 Hours]

[Max. Marks : 70

1. (A) (1) Explain the meaning and objectives of production management. 7  
(2) Explain the functions of production planning and control. 7
- OR**
- (1) Write a note on Basic work study procedure.  
(2) Explain various types of production.
- (B) Do as directed : (any **Four**) 4
- (1) \_\_\_\_\_ of production directly affects the logistics. (Location, Layout, Capacity)  
(2) Work in progress is low in case of Job shop production. (True/False)  
(3) Gantt charts are prepared on the basis of \_\_\_\_\_. (Route sheets, Master production schedule, Machine load charts)  
(4) Method study is done to improve methods of production. (True/False)  
(5) Reduction of operating cost is one of the ultimate objective of production management. (True/False)  
(6) SIMO charts full name.
2. (A) (1) Explain the principles of material handling. 7  
(2) Explain the process of purchasing. 7
- OR**
- (1) Discuss types of purchasing.  
(2) Write a note on MRP 1.
- (B) Do as directed. (any **Four**) 4
- (1) ERP can be used as an exclusive decision-making function. (True/False)  
(2) The material handling cost can be saved in case of continuous production. (True/False)  
(3) In system contracting, the buyer is not required to maintain the safety stock. (True/False)  
(4) MRP 1 is a narrow concept. (True/False)  
(5) ERP stands for \_\_\_\_\_.  
(6) Give any two principles of purchasing.

3. (A) (1) Explain Deming's 14 principles of quality. 7  
 (2) Discuss the factors affecting plant layout. 7

**OR**

- (1) Discuss the concept of six sigma.  
 (2) Write a note on ISO 9000.

(B) Do as directed : (any **Three**) 3

- (1) Process layout is also known as functional layout. (True/False)  
 (2) There is direct relation between cost and quality. (True/False)  
 (3) BIS has adopted \_\_\_\_\_ series of standards.  
 (ISO 9000, ISO 14000, ISO 22000)  
 (4) \_\_\_\_\_ type of layout is suitable for building a ship.  
 (Product, Process, Project)  
 (5) PDCA stands for \_\_\_\_\_.

4. (A) (1) Explain Japanese five "S" approach. 7  
 (2) Discuss meaning and elements of Lean production. 7

**OR**

- (1) Explain JIT in detail.  
 (2) Write a note on Business process reengineering.

(B) Do as directed : (any **Three**) 3

- (1) As per the guiding principle of Kaizen, value adding activities are identified as Muda. (True/False)  
 (2) Supply chain management is used by Lean production. (True/False)  
 (3) \_\_\_\_\_ is a visual card that is attached to the two bins.  
 (Kaizen, Kanban, BPR)  
 (4) \_\_\_\_\_ is an inventory management system with stockless inventory.  
 (Kaizen, BPR, JIT)  
 (5) The Japanese five 'S' method is used for continuous improvements.  
 (True/False)