

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)
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