

Seat No. : _____

OD-105

October-2018

B.B.A., Sem.-VI

CC-311 : Production & Operation Management

Time : 2:30 Hours]

[Max. Marks : 70

1. (A) Define Production Planning. Explain the function of PPC. **14**

OR

(i) Explain any two types of production system. **7**

(ii) Explain the objectives of production operation. **7**

(B) Do as directed : (Any **four** out of **six**) **4**

(1) Name two types of production system.

(2) _____ is the process of deciding sequence of any process to be performed during the production of any product.

(Estimating, Routing, Loading)

(3) _____ was coined by reversing the term Gilbreth.

(4) Full form of SIMO chart _____.

(5) _____ is the process by which goods or service are created.

(Production, Marketing, Finance)

(6) The time _____ prior to the start of the job is a planning function of PPC.

(Routing, Loading, Estimation)

2. (A) Explain the process of purchasing in detail. **14**

OR

(i) Explain the Material Handling Equipment. **7**

(ii) Explain “Blanket Order” and “Stockless Purchasing”. **7**

- (B) Do as directed : (Any **four** out of **six**) 4
- (1) Name five principles of purchasing.
 - (2) Name any two types of equipments for handling material.
 - (3) Full form of MRP II _____.
 - (4) Full form of CRM _____.
 - (5) Name any two types of nature of material handled.
 - (6) Name any two types of cranes & hoists.
3. (A) Discuss the process of six sigma, its benefits and limitations. 14
- OR**
- (i) Define Just in Time and state its characteristics. 7
 - (ii) Explain process layout in detail. 7
- (B) Objectives : (Any **three** out of **five**) 3
- (1) Mention two factors affecting the plant layout.
 - (2) DMAIC stands for _____.
 - (3) Mention two ISO 14000 series.
 - (4) Mention four stage of PDCA cycle.
 - (5) Full form of IOS _____.
4. (A) Discuss the Japanese 5s approach in detail. 14
- OR**
- (i) Explain three guiding principles of Kaizen. 7
 - (ii) Write short note on : Just-In-Time. 7
- (B) Objectives : (Any **three** out of **five**). 3
- (1) Full form of BPR _____.
 - (2) Explain the term 'Kan' means _____ and 'Zen' means _____.
 - (3) Full form of TQM _____.
 - (4) Define Just-In-Time.
 - (5) Kanban is a Japanese term which means a _____.