

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 \_\_\_\_\_.