

## **PRODUCTION MANAGEMENT : 2010**

### **(Old and New Course - 120)**

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#### **UNIT - 1**

1. Discuss the problems in different types of production system How these problems can be mitigated by planning process ?
- OR** Explain in detail the sketch of an ideal plant layout. Also discuss the various factors affecting the plant layout.

#### **UNIT - 2**

2. What is meant by aggregate planning ? Why is it required?
- OR** What is material requirement planning (MRP) ? What are the inputs and outputs required by the MRP processing logic ? Ex-plain various methods of determining the order size in MRP.

#### **UNIT - 3**

3. Define quality and quality control What are the various dimensions of quality and what are the various costs of quality? <http://prsuonline.com>
- OR** What is statistical process control ? How is it different from acceptance sampling ? What are type I and type II errors ?

#### **UNIT - 4**

4. What are the different ways of scheduling various jobs or activities in an organisation ?
- OR** Describe the various techniques/methods used for dispatching.

#### **UNIT - 5**

5. Discuss the salient features of the following : (a) Product standardization (b) Product line strategies
- OR** Write a detailed note on the meaning and stages of product life cycle (PLC) and also suggest the strategies to be adopted in each stage of PLC.