

**Subject Code: MB924**

**MBA II Semester [R09] Regular Examinations June 2010**

**Productions and Operations Management**

**Time: 3 Hours**

**Max Marks: 60**

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**Answer any FIVE questions All questions carry EQUAL marks**

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1. How does Productions and Operations Management function distinguish itself from the other functions of management?
2. Define Process life cycle and describe the various stages in process life cycle
3. What is meant by Plant Location? Discuss the steps to be taken in choosing a location for the plant.?
4. Define Aggregate Planning? What are the inputs and the nature of the Outputs of aggregate plans.
5. Explain Scheduling? Give a brief account on methods of Pproduction Control?
6. Discuss in detail the meaning and procedure of Method Study?
7. Define the term Quality and bring out the famous Deming's principles of Quality?
8. Following is the record of defectives observed during the inspection process of an automatic machine producing small bolts of standard size.

<u>Sample No</u>	<u>Sample Size</u>	<u>No of Defective Bolts</u>
1	25	3
2	50	5
3	45	1
4	55	2
5	35	-
6	40	1
7	50	9
8	65	2
9	30	3
10	25	2
11	55	5
12	40	4
13	50	3
14	25	2
15	40	2

- (a) Find  $\bar{p}$ , UCL and LCL
- (b) Are the UCL and LCL constant?
- (c) If not, What is the reason?
- (d) Express the deviations from  $\bar{p}$  (i.e.,  $p - \bar{p}$ ) in units of so many standard deviations.  
Draw the control charts?

**Subject Code: MA204**

**MBA II Semester [R07] Supplementary Examinations June 2010**

**Production and Operations Management**

**Time: 3 Hours**

**Max Marks: 60**

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**Answer any FIVE questions All questions carry EQUAL marks**

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1. Explain in detail how the subject of Production Management has evolved over time?
2. Describe the various steps involved in Process design. Mention the inputs and outputs of process design?
3. What is meant by Plant Location? Discuss the steps to be taken in choosing a location for the plant?
4. Define the term Aggregate plan and state its objectives? What are the inputs and nature of outputs of aggregate plan?
5. Discuss the various methods of scheduling and loading used in Product Layout and bring out clearly its merits and demerits?
6. Explain in detail the concept and need procedure of Method Study?
7. Define the term Productivity and explain Total Productivity Model.
8. Write short notes on  
(a) Job Design (b) Value Analysis (c) Six Sigma

**Subject Code: MA204**

**MBA II Semester [R05] Supplementary Examinations June 2010**

**Production and Operations Management**

**Time: 3 Hours**

**Max Marks: 60**

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**Answer any FIVE questions All questions carry EQUAL marks**

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1. Explain the Concept of Production Management. Outline its Scope and Objectives.
2. Define 'Process Life Cycle' and describe the various stages in Process Life Cycle.
3. What is plant location and explain the major factors governing plant location.
4. Explain the term 'Aggregate Planning'. What is it's need and purpose.
5. Explain the term Line of Balance. What are the different methods of Production Control.
6. Explain in detail the concept & components of work study?
7. Define the term 'Productivity' and briefly explain productivity cycle.
8. Why is an ISO 9000 Certification important to a firm? What are the advantages to the firm? Explain.