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Set-02

Code: 13MBA1010

**ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, TEKKALI
(AUTONOMOUS)**

I MBA II Semester Regular / Supplementary Examinations, July, 2015

PRODUCTION AND OPERATIONS MANAGEMENT

Time: 3 hours

Max Marks: 60

**Answer any five questions
All questions carry equal marks
Question No.8 is Compulsory**

1. What is production system? Explain different types of production systems.
2. Define product and process selection. Explain briefly about CAD and CAM.
3. Write and explain the advantages of Material Requirement Planning.
4. Explain briefly about flexible manufacturing system.
5. What is productivity? Discuss the advantages of productivity.
6. Discuss about Six Sigma in brief.
7. Describe (a) Line Balancing(LOB) (b) Inventory Management

8. Case Study (Compulsory)

The following table gives the average daily production figure for 20 months each of 25 working days. Given that the population standard deviation of daily production is 35 units, draw a control chart for the mean.

210	205	210	212	211	209	219	204	212	209
212	215	208	214	210	204	211	211	203	211
