Code No: MA204

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MBA - II Semester Examinations, February 2011
PRODUCTION AND OPERATION MANAGEMENT

Time: 3hours   **Max. Marks: 60**

Answer any <u>five</u> questions
All questions carry equal marks
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1. What is production and operations management? Discuss its scenario today.

2. Discuss the various steps involved in process design

3. Discuss the major factors governing plant location.

4. What is aggregate planning? Discuss the approaches to arrive at the aggregate plan

5. What is work measurement? Explain the techniques of Work measurement.

6. 5 jobs with processing times (in Minutes) on two machines A & B have to be sequenced optimally. The time taken for operations on both machines are as under.

Job	Machine 1	Machine 2
J1	8	4
J2	6	7
J3	5	5
J4	7	4
J5	3	6

   Determine the optimum cycle time and idle time on M1 & M2.

7. What is meant by 'Learning Curve'? Briefly explain with an example.

8. Write short notes on
   a. ISO 9000 series Quality Management System
   b. Quality Circles

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