

Register No:

M.B.A DEGREE EXAMINATIONS: JUNE 2011

Second Semester

MASTER OF BUSINESS ADMINISTRATION

MBA566: Production Management

Time: Three Hours

Maximum Marks: 100

Answer All the Questions:-

PART A (1 x 20 = 20 Marks)

Case Study: -

1. Elaborate on the evolution of production management over the years and also examine its growth in the years to come as such.

PART B (10 x 2 = 20 Marks)

2. List the functions of production management?
3. Differentiate push and pull production.
4. What is the principle of unit load?
5. What are AS/RS?
6. Define capacity planning.
7. List the strategies of aggregate planning.
8. What is critical ratio analysis?
9. What is a dummy activity?
10. List a few computer packages used in layout planning.
11. What is the relationship between line efficiency and balance delay in a perfectly balanced line?

PART C (4 x 15 = 60 Marks)

12. a) Highlight the importance of holding inventories and comment on inventory management systems.

(OR)

- b) Enhance the role of material handling and elaborate on the material handling techniques practiced in industries.

13. a) What is planning? Classify and highlight its role at the various levels of management.

(OR)

b) What is forecasting? What the various methods of forecasting? Explain your answer with proper illustrations?

14. a) Construct the network and find the critical path, total float, free float and independent float for the following project.

TASK	DURATION(DAYS)
1-2	6
1-3	5
2-4	10
3-4	3
3-5	4
4-5	6
4-6	2
5-6	9

(OR)

b) Seven jobs are to be processed through 3 machines M1, M2 and M3 in the order M1M2M3. The processing time in hrs for each of the 3 jobs is given below. Find the minimum elapsed time, optimal sequence and idle times of machines.

<i>Jobs</i>	<i>M1</i>	<i>M2</i>	<i>M3</i>
<i>A</i>	3	4	6
<i>B</i>	8	3	7
<i>C</i>	7	2	5
<i>D</i>	4	5	11
<i>E</i>	9	1	5
<i>F</i>	8	4	6
<i>G</i>	7	3	12

15. a) What are the various work measurement techniques and its relevance as such?

(OR)

b) Discuss the various factors involved in facilities location. Explain your answer by choosing an organization/company of your choice?
