

Code: 14E00206

MBA II Semester Regular & Supplementary Examinations May 2016

OPERATIONS MANAGEMENT

(For students admitted in 2014 & 2015 only)

Time: 3 hours

Max. Marks: 60

PART - A

(Answer the following: (05 X 10 = 50 Marks))

- 1 Explain various long-term and short term objectives of operations department.

OR

- 2 Explain the process of new product development.

- 3 Explain the factors affecting choosing of a plant location.

OR

- 4 What do you mean by aggregate planning? Explain the importance of aggregate planning.

- 5 Find best sequence and total elapsed time for the following when the process is A to B.

	Job 1	Job 2	Job 3	Job 4	Job 5	Job 6
Machine A	4	8	3	6	7	5
Machine B	6	3	7	2	8	4

OR

- 6 Define production control and mention various methods of production control.

- 7 Write a detail note on work study.

OR

- 8 Explain briefly: (a) ISO standards. (b) Six-Sigma.

- 9 Explain the components in productivity cycle.

OR

- 10 Define productivity and explain its importance.

PART - B

(Compulsory question, 01 X 10 = 10 Marks)

- 11 A project schedule has the following characteristics:

Activity	Duration
1-2	2
1-4	2
1-7	1
2-3	4
3-6	1
4-5	5
4-8	8
5-6	4
6-9	3
7-8	5
8-9	5

Construct a network and find critical path, total duration of the project and various time estimates.