Reg. No: | | | | | | | | | | |

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR (AUTONOMOUS)

MBA I Year II Semester Supplementary Examinations Dec 2019

OPERATIONS MANAGEMENT

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

SECTION – A

(Answer all Five Units **5 x 10 = 50** Marks)

UNIT-I

1	Discuss the nature and scope of operation management.	**10M**

OR

2	Discuss new product development process with a suitable example.	**10M**

UNIT-II

3	Explain the merits and demerits of product and process layouts.	**10M**

OR

4	Explain various factors that determine aggregate planning.	**10M**

UNIT-III

5	Elaborate various methods of scheduling.	**10M**

OR

6	Explain line of balance.	**10M**

UNIT-IV

7	Critically examine method study procedure.	**10M**

OR

8	What do you mean by work measurement? And explain its needs.	**10M**

UNIT-V

9	Briefly explain the basic concepts of productivity.	**10M**

OR

10	Explain the role of operation manager in productivity.	**10M**

SECTION – B

(Compulsory Question)

1 x 10 = 10 Marks

11. Seven jobs are performed first on Machine A and then on Machine B. The time taken (in hours) by each job on each machine is given below.

Job	1	2	3	4	5	6	7
Time on Machine A	5	3	2	10	12	6	8
Time on Machine A	3	2	5	11	10	7	3

Determine the optimum sequence of jobs that minimizes the total elapsed time to complete the jobs. Also compute the minimum time.

*** END ***