Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR (AUTONOMOUS)
MBA I Year II Semester Supplementary Examinations October-2020
OPERATIONS MANAGEMENT

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

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

UNIT-I

1	What are the functions of POM?	**10M**

OR

2	Discuss operations management scenario in today's environment.	**10M**

UNIT-II

3	Discuss the various factors involved in the location of a plant, with an emphasis on a Cement Plant.	**10M**

OR

4	Sketch the principles of good plant layout.	**10M**

UNIT-III

5	What is scheduling? Discuss the methods for Scheduling of 'n' jobs on one machine and scheduling of 'n' jobs on more than one machine.	**10M**

OR

6	Discuss the role of operations manager role in scheduling.	**10M**

UNIT-IV

7	Why do we conduct work study to increase productivity?	**10M**

OR

8	Identify different types of inspection and discuss their role in the quality assurance and control process. What is the relationship between inspection and acceptance sampling?	**10M**

UNIT-V

9	Elucidate various productivity management techniques.	**10M**

OR

10	Discuss the productivity management and its elements.	**10M**

SECTION – B
(Compulsory Question)

1 x 10 = 10 Marks

11. Calculate the standard time per article produced from the following data obtained by a work

Sampling study.

Total no. of observations = 2500; No. of working observations = 2100; No. of units produced in 100 hours duration = 6000 numbers; Proportion of manual labour 2/3; Proportion of machine time = 1/3; Observed rating factor = 115%; Total allowances = 12% of normal time.

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