Code: 14E00206

MBA II Semester Supplementary Examinations June 2019
OPERATIONS MANAGEMENT
(For students admitted in 2014 (LC), 2015 & 2016 only)

Time: 3 hours   Max. Marks: 60

All questions carry equal marks
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SECTION – A
(Answer the following: 05 X 10 = 50 Marks)

1   Briefly explain the importance of operations management in the corporate management.
OR
2   Explain product and process design.

3   What are the various factors affecting location? What factors do you consider for a cement industry and why?
OR
4   (a) Explain the determination of feasible production alternatives.
    (b) Explain flexible manufacturing and group technology.

5   Describe Jonson's procedure for determining an optimal sequence for processing n items on two machines. Give justification of the rule used in the procedure. Explain with an example.
OR
6   What is control in production management? Explain various methods of production control.

7   What is work measurement? Explain the process of work measurement.
OR
8   (a) Explain work sampling.
    (b) Explain economics of quality assurance inspection and quality control.

9   Discuss various methods to select materials and their advantages.
OR
10   Explain the purchasing procedure.

SECTION – B
(Compulsory question, 01 X 10 = 10 Marks)

11   **Case study:**
        The mean weights of the samples each of size four is given below. Construct mean chart and comment. Take (A_2 = 0.729)

Sample	A	B	C	D	E	F	G	H
range (R)	4	2	5	3	1	5	3	6
Mean weight (X)	10	12	11	15	14	13	16	11

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