

MBA II Semester Regular & Supplementary Examinations June/July 2017

OPERATIONS MANAGEMENT

(For students admitted in 2014, 2015 & 2016 only)

Time: 3 hours

Max. Marks: 60

All questions carry equal marks

SECTION – A

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

- 1 Define 'production system'. What are the inputs of production system?
(OR)
- 2 Explain historical development of POM & trends of POM today.
- 3 Why is location decision important for a business? What are the factors which are influencing plant location? Explain.
(OR)
- 4 Explain the product in planning process in a flexible manufacturing environment.
- 5 Discuss briefly about different types of production systems.
(OR)
- 6 Describe various stages of product planning and control in brief.
- 7 Outline the functions which are to be carried out under quality control.
(OR)
- 8 Define 'method study'. Examine the process involved in conducting method study.
- 9 What is productivity cycle? Explain the importance of productivity in POM.
(OR)
- 10 Explain productivity engineering and management.

SECTION – B

(Compulsory Question)

01 X 10 = 10 Marks

11 **Case study:**

An operation consists of three elements subjects to a stop watch time study. The raw data are contained in the following table. The allowance for the operation is 20%. What is the standard time for the operation? What should be the standard in hrs per 1000 units?

Job element	Performance rating %	Observations. sec / elements									
		1	2	3	4	5	6	7	8	9	10
1	90	7	2	8	9	8	10	10	8	9	7
2	100	14	14	18	15	14	14	15	16	16	14
3	110	8	7	8	9	9	7	7	8	7	9
