

MBA II Semester Regular Examinations August 2015

OPERATIONS MANAGEMENT

(For students admitted in 2014 only)

Time: 3 hours

Max. Marks: 60

All questions carry equal marks

SECTION – A

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

- 1 Explain about flexible manufacturing and group technology.
(OR)
- 2 What is aggregate planning? How to prepare aggregate demand?
- 3 What are the functions of POM?
(OR)
- 4 Explain briefly about product and process design.
- 5 Explain about line of balance and its importance in POM.
(OR)
- 6 Determine the best sequence, idle time of the machines and total completion for the following jobs.

Job	A	B	C	D	E
Machine – I	8	10	13	11	13
Machine – II	4	6	9	7	10
- 7 Explain about acceptance sampling.
(OR)
- 8 Discuss the techniques of work measurement.
- 9 Discuss about productivity engineering and management.
(OR)
- 10 What is productivity cycle? Explain the importance of productivity in POM.

SECTION – B

(Compulsory Question)

01 X 10 = 10 Marks

11 **Case study:**

The following table gives the number of missing parts noted in a newly fabricated M/C.

M/C number	1	2	3	4	5	6	7	8	9	10
Number of missing (c)	14	13	26	20	9	25	15	11	14	13

Construct the C – chart and discuss.
