Reg. No.

II Semester M.B.A. Degree Examination, May/June 2019

BUSINESS ADMINISTRATION

Production and Operations Management

Time : 3 Hours]

[Max. Marks : 70

SECTION – A

(Compulsory)

Answer to the question should not exceed **6** pages.   **(1 × 15 = 15)**

1. What are the major priorities associated with operations strategy? How has their relationship to each other changed over the years?

SECTION – B

Answer **any five** of the following questions. Each question carries **8** marks. Answer to each question should not exceed 5 pages.

(5 × 8 = 40)

2. "Automation in the manufacturing segment has led to increased productivity and quality". Discuss.

3. Explain the different stages in the production planning and control process.

4. Describe briefly the different types of plant layout.

5. Explain the benefits to an organization being certified as a ISO 9000 company.

6. Write a note on forward scheduling and backward scheduling.

7. Discuss the characteristics of JIT and key processer to eliminate waste.

8. Explain MRP structure and benefits of it.

P.T.O.

9. A hospital procurer the supply of material once a year. The total number procured is 2400 packages per year. The policy of procurement is being questioned by the accountants. Calculate the cost of inventory holding at Rs. 36 per package per year, cost of ordering is 1200 per order. What inventory policy would you advise to the hospital?

SECTION – C

(Compulsory)

Answer to the question should not exceed 6 pages.   **(1 × 15 = 15)**

10. Find the sequence that minimizes the total elapsed time required to complete the following jobs. Each job is processed in the order ACB.

Jobs :	J1	J2	J3	J4	J5	J6
Time on Machine A :	12	8	7	11	10	5
Time on Machine B :	7	10	9	6	10	4
Time on Machine C :	3	4	2	5	2	4