

D 42899

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Name.....

Reg. No.....

SECOND SEMESTER M.B.A. DEGREE EXAMINATION, JUNE 2018

(CUCSS)

M.B.A.

BUS 2C 12—OPERATIONS MANAGEMENT

(2016 Admissions)

Time : Three Hours

Maximum : 36 Weightage

Part A

Answer all the questions.

1 weightage to each.

1. Define work measurement. What are the types of work measurement ?
2. What do you mean by work study ?
3. Explain acceptance sampling.
4. Define Just In Time Inventory technique.
5. What is outsourcing ?
6. What is line balancing ?

(6 × 1 = 6 weightage)

Part B

Answer any four from the below questions.

3 weightage to each.

7. Discuss the importance of material handling. List out the various techniques of material handling.
8. How does production planning and control step undergo changes in case of mass production through automation ? Discuss.
9. Describe Break-Even Analysis with the help of a diagram.
10. Discuss the relationship between men and working environment.
11. Discuss the Time study standards. What are the steps involved in a Stopwatch time study ?
12. What do you mean by maintenance management ? What are the objectives of maintenance management ?

(4 × 3 = 12 weightage)

Turn over

Part C

Answer any three from the following questions.
4 weightage to each.

13. What is layout planning and explain different types of production layout.
14. Explain Statistical Quality Control.
15. Discuss ERP solutions and its functionalities in operations management.
16. Illustrate production planning and control in mass production systems.
17. Discuss the nature and scope of productions and operations management.

(3 × 4 = 12 weightage)

Part D

Answer the compulsory question below.
6 weightage.

18. A project schedule has the following characteristics :—

Activity	Time	Activity	Time
1 – 2	4	5 – 6	4
1 – 3	1	5 – 7	8
2 – 4	1	6 – 8	1
3 – 4	1	7 – 8	2
3 – 5	6	8 – 10	5
4 – 9	5	9 – 10	7

- (a) Construct network diagram.
- (b) Compute TE and TL for each event.
- (c) Find EST, LST, EFT and LFT values of all activities.
- (d) Find critical path and project duration.

(6 weightage)