

C 3717

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Name.....

Reg. No.....

**SECOND SEMESTER M.B.A. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, JULY 2021**

M.B.A. (CUCSS)

BUS 2C 12—OPERATION MANAGEMENT

Time : Three Hours

Maximum : 36 Weightage

Part A*Answer all the questions.**Weightage 1 each.*

1. How can inventory control techniques be applied in material management?
2. What is codification?
3. Explain the importance of scheduling.
4. Write short notes on vendor rating.
5. What are the steps in selection of location models?
6. What are the objectives of six sigma?

(6 × 1 = 6 weightage)

Part B*Answer any four from the following questions.**3 weightage each.*

7. What are the factors that play an important role in a customer focused product development?
8. What are the purposes and advantages of control charts?
9. Enumerate time study equipments.
10. Explain make-to-stock and make-to-order with examples.
11. Explain Statistical Quality Control.
12. Explain the steps involved in Line Balancing.

(4 × 3 = 12 weightage)

Turn over

Part C

Answer any **three** of the following questions.

4 weightage each.

13. List two wastes and methods to control it in an industry.
14. Discuss legal and ethical issues faced in designing a product.
15. Explain the steps involved in process development for process design.
16. A departmental store is being considered locating in your area. Describe the positive and negative location factors for this business.
17. Write the advantages and disadvantages of Economic Order Quantity (EOQ).

(3 × 4 = 12 weightage)

Part D

Answer the following question.

18.

Activity	Required Processors	Expected Time (in days)	Cost of Expedite (in \$ day)
A-B	–	2	100
A-C	–	4	80
A-D	–	5	70
B-E	A-B, A-C	3	100
E-F	B-E	6	150
F-H	E-F	2	50
D-H	A-D	11	100
H-I	F-H, D-H	1	100

Questions :

- (a) Establish a PERT diagram and determine the earliest completion time.
- (b) The project manager has budget \$200 for expending should he want to use it.

(6 weightage)