

C 61131

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Name.....

Reg. No.....

SECOND SEMESTER M.B.A. DEGREE EXAMINATION, MAY/JUNE 2019

(CUCSS)

M.B.A.

BUS 2C 12—OPERATION MANAGEMENT

(2016 Admissions)

Time : Three Hours

Maximum : 36 Weightage

Part A

Answer all the questions.

1 weightage to each.

1. What is aggregate planning ?
2. What is codification ?
3. Define work study.
4. Write short notes on vendor rating.
5. Define capacity planning.
6. What are the objectives of six sigma ?

(6 × 1 = 6 weightage)

Part B

Answer any four questions from the below questions.

3 weightage to 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. Write short notes on work place design.
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 from the following questions.
4 weightage to each.*

13. Describe in detail about any two qualitative type of forecasting with their advantages and disadvantages.
14. Discuss legal and ethical issues faced in designing a product.
15. A material department has to keep in touch with various departments of a firm to ensure its smooth working. Discuss.
16. A departmental store is being considered locating in your area. Describe the positive and negative location factors for this business.
17. Discuss the objectives and various functions of purchasing.

(3 × 4 = 12 weightage)

Part D

18. Answer the question below :

Activity Code	Activity	Immediate predecessor	Activity Duration in days
A	Design the project	-	20
B	Build prototype unit	A	10
C	Perform test on Prototype	B	8
D	Estimate material cost	A	11
E	Refine project design	C,D	7
F	Demonstrate project to customer	E	6
G	Estimate labor cost	D	12
H	Prepare technical proposal	E	13
I	Deliver proposal to customer	G, H, F	5

1. Draw a Network Diagram for the project.
2. Identify critical path, critical activity and compute project duration.
3. Compute slack for each activity.

(6 weightage)