

C 23471

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Name.....

Reg. No.....

**SECOND SEMESTER M.B.A. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, JULY 2022**

(CUCSS)

M.B.A.

BUS 2C 12—OPERATION MANAGEMENT

(2016 Scheme)

Time : Three Hours

Maximum : 36 Weightage

Part A

*Answer all the questions.
1 weightage to each.*

1. What is aggregate planning ?
2. Explain three main components of quality management.
3. Define work study.
4. Why is Material Handling important ?
5. Define capacity planning.
6. A probabilistic estimate of project completion plays a vital role during project management. Give reasons.

(6 × 1 = 6 weightage)

Part B

*Answer any four questions from the below questions.
3 weightage to each.*

7. Explain the steps in process planning.
8. What are the advantages of JIT purchasing ?
9. Write short notes on work place design.
10. "Profitability of a company depends to a large extent on the effectiveness of its purchase function". Explain.
11. Explain speculative risk with examples.
12. What is crashing of CPM networks ?

(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. Enumerate the basic types of maintenance.
15. A material department has to keep in touch with various departments of a firm to ensure its smooth working. Discuss.
16. Explain the scope of production/operations management.
17. Discuss the objectives and various functions of purchasing.

(3 × 4 = 12 weightage)

Part D

Answer the question below.
6 weightage.

18.

<i>Activity Code</i>	<i>Activity</i>	<i>Immediate predecessor</i>	<i>Activity Duration in days</i>
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

- (a) Draw a Network Diagram for the project.
- (b) Identify critical path, critical activity and compute project duration.
- (c) Compute slack for each activity.

(1 × 6 = 6 weightage)