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Name.....

Reg. No.....

**FIFTH SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2025**

B.B.A.

BBA 5B 09—OPERATIONS MANAGEMENT

(2019 Syllabus)

Time : Two Hours and a Half

Maximum : 80 Marks

Part A*Answer all questions.*

1. What do you mean by method study ?
2. Define Operations Management.
3. Define Capacity.
4. Write a note on E-commerce.
5. What is a quality circle ?
6. What is Scientific Management ?
7. Mention two uses of a histogram.
8. Define Inventory Control.
9. What is aggregate planning ?
10. Define maintenance management.
11. What is a plant layout ?
12. Give a brief note on the strategic planning process.
13. Mention two characteristics of non-manufacturing operations.
14. What is safety stock ?
15. Define a control chart.

(15 × 2 = 30, Maximum ceiling 25 marks)

Turn over

Part B

Answer all questions.

16. Explain the scope of operations management.
17. Explain Statistical quality control ?
18. Define work study. What are its objectives ?
19. Define quality and explain its importance in operations.
20. Discuss the different methods of capacity planning.
21. What are the factors influencing plant location ?
22. What are the different types of capacity in operations management ?
23. What are the objectives of Material Requirement Planning ?

(8 × 5 = 40, Maximum ceiling 35 marks)

Part C

*Answer any two questions.
Each question carries 10 marks.*

24. Explain the different techniques used in the control process.
25. What is process selection ? Explain the types of processes in detail.
26. Briefly explain the various steps involved in developing a new plant layout.
27. What is a quality circle ? Explain its objectives and advantages.

(2 × 10 = 20 marks)

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**FIFTH SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2024**

B.B.A.

BBA 5B 09—OPERATIONS MANAGEMENT

(2019 Admission onwards)

Time : Two Hours and a Half

Maximum : 80 Marks

Section A*Answer all questions.*

1. What is Operations Management ?
2. What is TQM ?
3. What is Supply Chain Management ?
4. What is Product ?
5. What is Plant Layout ?
6. What is MPS ?
7. What is Safety stock ?
8. What is Pareto diagram ?
9. What is PLC ?
10. Explain Scheduling ?
11. What do you mean by capacity utilisation ?
12. What is Plant location ?
13. Define Re-order level ?

Turn over

14. Explain the utility of Range charts ?
15. What is statistical quality control ?

(15 × 2 = 30, maximum ceiling 25 marks)

Section B

Answer all questions.

16. Explain the key areas of Operations Management ?
17. Explain TQM ?
18. Explain the factors determining plant location ?
19. Write short notes on :
 - (a) Inventory costs.
 - (b) JIT.
20. Discuss the difference between Time and Motion study ?
21. Write a note on loading and routing ?
22. Explain Various costs of quality.
23. Explain statistical quality control ?

(8 × 5 = 40, maximum ceiling 35 marks)

Section C

Answer any two questions.

24. Explain different kinds of layouts ?
25. Discuss MRP and its elements ?
26. Explain the concept of quality control in Operations management ?
27. Discuss the different functions of Operations Management and also its relationship with other functional areas in an organisation ?

(2 × 10 = 20 marks)

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Name.....

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**FIFTH SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2023**

B.B.A.

BBA 5B 09—OPERATIONS MANAGEMENT

(2019 Admission onwards)

Time : Two Hours and a Half

Maximum : 80 Marks

Section A*Answer all questions.*

1. What is Quality management ?
2. What is KPI ?
3. What is Range ?
4. What is inventory control ?
5. What is Product Layout ?
6. What is MRP ?
7. What is Reorder Point ?
8. What is Histogram ?
9. What is Statistical Quality control ?
10. What is cellular layout ?
11. What do you mean by assembly process ?
12. What are quality circles ?
13. Define Capacity.
14. Define Production and Operations Management ?
15. What is Routing ?

(15 × 2 = 30, maximum ceiling 25 marks)

Turn over

Section B

Answer all questions.

16. Explain the scope of Operations Management ?
17. What is TQM ? What are its principles ?
18. Explain the significance of planning and routing in operations management ?
19. Write short notes on :—
 - a) Capacity planning.
 - b) Process layout.
20. Discuss JIT philosophy ?
21. Distinguish between Strategic plan and operational plan ?
22. Explain the objectives of Operations Management ?
23. Explain the objectives of Material Requirement Planning ?

(8 × 5 = 40, maximum ceiling 35 marks)

Section C

Answer any two questions.

Each question carries 10 marks.

24. What is ABC analysis ? How is it useful in managing inventory in an organisation ?
25. Explain in detail plant location and factors determining plant location ?
26. Explain inventory classification models ?
27. Discuss Material Requirement Planning, its objectives and elements ?

(2 × 10 = 20 marks)

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Name.....

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**FIFTH SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2022**

B.B.A.

BBA 5B 09—OPERATIONS MANAGERMENTS

(2019 Admission onwards)

Time : Two Hours and a Half

Maximum : 80 Marks

Part A*Answer all questions.*

1. What do you mean by Dispatching ?
2. Define Product Layout ?
3. What is ABC analysis ?
4. Write a note on B2C ?
5. What is Production Logistics ?
6. What is Safety stock ?
7. What is CPM ?
8. What is Gantt chart ?
9. Write a short note on Taylorsim ?
10. What is Stock turnover ratio ?
11. What is Six Sigma ?
12. What do you mean by Payback period ?
13. What you meant by Time study ?
14. Give a brief note on the TQM ?
15. What is a Store ledger ?

(15 × 2 = 30, Maximum ceiling 25 marks)

Turn over

Part B

Answer all questions.

16. What are the Objectives of Material requirements planning ?
17. Explain Stages of Production ?
18. What are the Principles of plant layout ?
19. Discuss the benefits of TQM ?
20. What are the merits and demerits of MRP system ?
21. What are the pros and cons of MRP system ?
22. What are the components of lead time ?
23. Write a note on functions of operation manager ?

(8 × 5 = 40, Maximum ceiling 35 marks)

Part C

Answer any two questions.

24. What are plant capacity and its determinants ?
25. What are the inventory classification models ?
26. What are production control and its determinants ?
27. What are the various work measurement techniques ?

(2 × 10 = 20 marks)

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Name.....

Reg. No.....

FIFTH SEMESTER U.G. DEGREE EXAMINATION, NOVEMBER 2021

(CBCSS—UG)

B.B.A.

BBA 5B 09—OPERATIONS MANAGEMENT

(2019 Admissions)

Time : Two Hours and a Half

Maximum : 80 Marks

Section A*Answer at least ten questions.**Each question carries 3 marks.**All questions can be attended.**Overall Ceiling 30.*

1. What do you mean by production manager ?
2. What is Product ?
3. What is JIT ?
4. Write a note on B2G ?
5. What is standard time ?
6. What is lead time ?
7. What is recovery logistics ?
8. What are the objectives of ERP ?
9. Write a short note on Fatigue study ?
10. What is Facility layout ?
11. What is EBQ ?
12. What do you mean by IRR ?
13. What you meant by learning curve ?
14. Give a brief note on the aggregate planning ?
15. What is Lean production ?

(10 × 3 = 30 marks)

Turn over

Section B

*Answer at least **five** questions.*

Each question carries 6 marks.

All questions can be attended.

Overall Ceiling 30.

16. What are the Objectives of Plant layouts ?
17. Explain the functions of Inventory ?
18. What are the aggregate planning strategies ?
19. Discuss the benefits of material handling ?
20. Distinguish between NPV and IRR method ?
21. What are the features of product design ?
22. What are the objectives of Production control ?
23. Write a short note about Pareto analysis ?

(5 × 6 = 30 marks)

Section C

*Answer any **two** questions.*

Each question carries 10 marks.

24. What are the challenges of International production and operations management ?
25. What are the ways of Plant Maintenance ?
26. What are the Different Techniques of Scientific Management ?
27. What are the advantages and disadvantages of Material requirements planning ?

(2 × 10 = 20 marks)