

Reg. No. : .....

Name : .....

**Fourth Semester B.B.A. Degree Examination, March 2020**

**Career Related First Degree Programme Under CBCSS**

**Group 2(b)**

**Core Course : BM 1443 OPERATIONS MANAGEMENT**

**(2017 Admission onwards)**

Time : 3 Hours

Max. Marks : 80

**SECTION – A**

Answer **all** questions in **one** or **two** sentences. Each question carries 1 marks

1. Define Operations Management.
2. What do you understand by Production Planning and Control?
3. What is meant by Product Layout?
4. Write a short note on continuous production.
5. What is line balancing?
6. What do you mean by Periodic Inventory System?
7. What is safety stock?
8. Write a short note on Statistical Quality Control
9. What is JIT?
10. Define Quality Assurance.

**(10 × 1 = 10 Marks)**

P.T.O.

## SECTION – B

Answer **any eight** questions not exceeding **one** paragraph. Each question carries **2** marks

11. What are the limitations of Product Layout?
12. What is meant by Batch Production?
13. Write a short note on ISO.
14. What is business process reengineering?
15. What do you understand by Computer Aided Manufacturing?
16. What is MRP?
17. What is meant by Master Production Scheduling?
18. Write a short note on Assembly Line Layout.
19. What do you mean by six sigma concept?
20. What are the characteristics of effective Quality Circles?
21. Write a short note on 'Kanban'.
22. What do you mean by type I and type II error?

**(8 × 2 = 16 Marks)**

## SECTION – C

Answer **any six** questions **not** exceeding one page. Each question carries **4** marks

23. What are the characteristics of mass production?
24. What are the objectives of Production Planning and Control?

25. Enumerate the objectives of Plant Layout.
26. What are advantages of Process Layout?
27. What are the objectives of Materials Requirement Planning?
28. List out the objectives of Materials Management.
29. Explain the process involved in Capacity Planning.
30. Write a short note on CRP.
31. Enumerate the characteristics of Quality Circles.

(6 × 4 = 24 Marks)

#### SECTION – D

Answer **any two** questions not exceeding four pages. Each question carries **15** marks

32. Trace the history of Operations Management.
33. Discuss in detail the stages involved in the product development process.
34. Define Plant Layout. Discuss the factors to be borne in mind in plant layout.
35. What do you understand by Quality Circles? Discuss the objectives and benefits of QCs.

(2 × 15 = 30 Marks)

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**Fourth Semester B.B.A. Degree Examination, July 2019  
Career Related First Degree Programme under CBCSS**

**Group 2(b)**

**Core Course BM 1443 : OPERATIONS MANAGEMENT**

**(2017 Admission)**

Time : 3 Hours

Max. Marks : 80

**SECTION – A**

I. Answer **all** questions in one or two sentences. Each question carries **1** mark.

1. What is Product Design?
2. Define Plant Layout.
3. What is Mass Production?
4. What do you understand by Process Layout?
5. What is Materials Management?
6. Define Capacity.
7. What is inventory?
8. What is BOM?
9. What are control charts?
10. What is Quality Control?

**(10 × 1 = 10 Marks)**

P.T.O.

## SECTION – B

- II. Answer any **eight** questions not exceeding one paragraph. Each question carries **2** marks.
11. What are the limitations of Process Layout?
  12. Give a brief account of Aggregate Planning.
  13. Distinguish periodic inventory system from perpetual inventory system.
  14. What is Actual Capacity?
  15. What do you understand by Descriptive Statistics?
  16. What are the objectives of Quality Control?
  17. What is Statistical Quality Control?
  18. Name any two benefits of TQM.
  19. What is a master production schedule?
  20. What do you mean by Acceptance Sampling?
  21. Define value analysis.
  22. Write a short note on Process Selection.

**(8 × 2 = 16 Marks)**

## SECTION – C

- III. Answer any **six** questions not exceeding 1 page. Each question carries **4** marks.
23. What are the factors to be borne in mind in plant layout?
  24. What are the factors affecting the design of a Product?
  25. What are the benefits of Computer Aided Manufacturing System?

26. What are the factors determining Plant Location.
27. What are the merits of MRP?
28. What are the advantages of Perpetual Inventory Control System?
29. What are the advantages of JIT?
30. Write a short note on Quality Movement.
31. What are the objectives of Quality Circles?

**(6 × 4 = 24 Marks)**

**SECTION – D**

- IV. Answer any **two** questions not exceeding **4** pages. Each question carries **15** marks.
32. Define operation management. Explain the objectives of operation management.
  33. What do you understand by Production Planning and Control? Explain the techniques of Production Planning and Control.
  34. What do you understand by Capacity Requirement Planning? Explain the process involved in Capacity Planning.
  35. Define Quality Circle. Discuss the characteristics of effective Quality Circles.

**(2 × 15 = 30 Marks)**