

Reg. No. : 19517805037

Name : VISHNU AR

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? → Creating a new product to use
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? → Bill of material
9. What are control charts?
10. What is Quality Control?

(10 × 1 = 10 Marks)

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)

(Pages : 3)

J – 1448

Reg. No. : ...19518803016.....

Name :Keesham D.S.....

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. *7 marks*
14. ✓ What is business process reengineering?
15. What do you understand by Computer Aided Manufacturing?
16. ✓ What is MRP? *material Reso
pln*
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)

Reg. No. :

Name :

Fourth Semester B.B.A. Degree Examination, May 2021

Career Related First Degree Programme under CBCSS

Group 2(b)

Core Course :

BM 1443 OPERATIONS MANAGEMENT

(2017 – 2018 Admission)

Time : 3 Hours

Max. Marks : 80

SECTION – A

- I. Answer **all** questions in **one / two** sentences. **Each** question carries **1** mark.
1. Define Inventory Management?
 2. What is meant by Inventory Turnover?
 3. What is Capacity Planning?
 4. What is Lead Time?
 5. What is Holding Cost?
 6. What is meant by Inventory Control System?
 7. What is meant by Gantt Charts?
 8. What is meant by EOQ Model?
 9. Define MRO in Operations Management?
 10. What is Supply Chain Management?

(10 × 1 = 10 Marks)

P.T.O.

SECTION – B

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

11. What do you mean by MRP in Operations Management?
12. What do you mean by Value Analysis?
13. What is Assembly Line Balancing?
14. What is Productivity?
15. What is Six Sigma Concept?
16. What is Operations Scheduling?
17. What is meant by TPM ?
18. What is Master Production Schedule?
19. What is Process Control?
20. What are Quality Circles?
21. What is meant by Product Design?
22. What is meant by Layout?

(8 × 2 = 16 Marks)

SECTION – C

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

23. Enumerate the functions of Operations Management?
24. Write a note on different types of Inventory?

25. Differentiate Aggregate Planning and Capacity Planning?
26. Explain the ABC classification in Inventory Control?
27. What are the elements of Supply Chain Management?
28. What are the factors affecting Productivity?
29. Explain the Requirements of Effective inventory System?
30. Explain the factors affecting Process Planning ?
31. Explain different types of Production System?

(6 × 4 = 24 Marks)

SECTION – D

- IV. Answer any **two** questions not exceeding four pages. **Each** carries **15** marks.
32. Explain the various functions of Production Management and Control?
 33. Enumerate the different Techniques involved in Inventory Control?
 34. What are the Major Operations Management issues that manufacturing organisations face in India?
 35. Discuss about various phases of Project Management?

(2 × 15 = 30 Marks)

Reg. No. :

Name :

Fourth Semester B.B.A. Degree Examination, May 2021

Career Related First Degree Programme under CBCSS

Group 2 (b)

Core Course

BM 1443 : OPERATIONS MANAGEMENT

(2019 Admission Regular)

Time : 3 Hours

Max. Marks : 80

SECTION – A

Answer **all** question in 1 or 2 sentences. Each question carries 1 mark.

1. What is operations management?
2. What is JIT?
3. Write any two difference between goods and services.
4. What is product design?
5. What is KAIZEN?
6. Expand the term TQM.
7. What is Group Layout?
8. Explain the term Quality control.
9. What is Statistical Process Control?
10. What is PDSA?

(10 × 1 = 10 Marks)

SECTION – B

Short answer question answer **any eight** question not exceeding 1 paragraph.

Each question carries 2 mark.

11. Explain the functions of quality control.
12. What is mean by job design?
13. Explain the term MRP.
14. What is EOQ?
15. What are the material handling equipment?
16. What is outsourcing?
17. Explain the term job production.
18. Write any two features of JIT.
19. Define facility layout.
20. What is ERP?
21. What are the objectives of BPR?
22. What are the pillars of TQM?
23. What is scheduling?
24. Expand PERT. And explain its features.
25. What is network analysis?
26. What is mean by quality circle?

(8 × 2 = 16 Marks)

SECTION – C

Answer **any six** question not exceeding 1 page. Each question carries 4 mark.

27. Explain the objectives of operations management.
28. Distinguish between manufacturing and non manufacturing operation.
29. What are the main factors to be considered in factory layout?
30. Point out the benefits of TQM.
31. What is mean by capacity planning? Point out the steps involved in capacity planning?
32. Explain the advantages and disadvantages of Mass production system.
33. What are the characteristics of TQM?
34. Distinguish between type 1 error and type 2 error.
35. What are the features of Job production?
36. What are the factors considered for site selection?
37. What are the main principles of layout?
38. Explain ISO quality certification.

(6 × 4 = 24 Marks)

SECTION – D

Answer **any two** question. Each question carries 15 mark.

39. What is Factory Layout. Explain the different types of Layout?
40. What is mean by control chart? Explain the types of control chart?

41. What is mean by operations management? Explain the scope of operations management.
42. What is inventory control? What are the main techniques of inventory control?
43. Explain six sigma methodology.
44. What is statistical Quality Control and what are the importance of SQC?

(2 × 15 = 30 Marks)

(Pages : 4)

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Reg. No. :

Name :

Fourth Semester B.B.A. Degree Examination, August 2022

Career Related First Degree Programme under CBCSS

Group 2(b)

Core Course

BM 1443 : OPERATIONS MANAGEMENT

(2019 Admission Onwards)

Time : 3 Hours

Max. Marks : 80

SECTION – A

Very short answer type questions. (One word to maximum of 2 sentences)

Answer all questions. Each question carries 1 mark.

1. Define Operations Management.
2. What is Production?
3. What is production planning?
4. What is productivity?
5. What is production system?
6. What is Batch Production?
7. What is Lean Manufacturing?
8. What is Assembly Line Balancing?

P.T.O.

9. What is materials management?
10. What is Materials Requirement Planning?

(10 × 1 = 10 Marks)

SECTION – B

Short answer questions. (Not to exceed one paragraph)

Answer **any eight** questions. Each question carries **2** marks.

11. What are the characteristics of Production system?
12. Discuss the advantages of Job shop production.
13. Explain the product or line layout.
14. Discuss the disadvantages of cellular layouts.
15. What is business process re-engineering?
16. What do you mean by KANBAN?
17. Discuss the features of Six Sigma.
18. Discuss the concept of O.C.Curve.
19. What are the benefits of production planning?
20. What is the difference between the aggregate production planning and master production schedule?
21. Discuss JIT.
22. Discuss the importance of inventory.

(8 × 2 = 16 Marks)

SECTION – C

Answer any six questions. Each question carries 4 marks.

23. Discuss the importance of production management.
24. Discuss the goals of TQM.
25. Explain the determinants for selection and design of layout.
26. What are the factors influencing production planning?
27. Discuss the importance of production planning and control.
28. Discuss the master production schedule. What are its objectives?
29. Explain value analysis.
30. Explain Statistical Process Control. What are the benefits of Statistical quality control?
31. What are the objectives of Business Process Reengineering?
32. What are the key differences between perpetual and periodic inventory system?
33. What is Capacity Requirements Planning? What are the factors that affect the capacity requirements planning?
34. Explain the difference between MRP I and MRP II.

(6 × 4 = 24 Marks)

SECTION – D

Long Essay questions. Answer any two questions. Each question carries 15 marks.

35. Discuss the various steps of process of materials management.
36. Define Production Planning and Control. What are the objectives of Production Planning and Control?

37. Explain the types of plant layout.
38. What is Materials Requirement Planning? Discuss the merits and demerits of MRP.
39. What is quality circle? Discuss its objectives.
40. What is aggregate planning? Why is it important?

(2 × 15 = 30 Marks)

Reg. No. :

Name :

Fourth Semester B.B.A. Degree Examination, August 2022

Career Related First Degree Programme under CBCSS

Group 2(b)

Core Course

BM 1443 : OPERATIONS MANAGEMENT

(2017 & 2018 Admission)

Time : 3 Hours

Max. Marks : 80

SECTION – A

Very short answer type Questions (one word to maximum of 2 sentences)

Answer all questions. Each question carries 1 mark.

1. Define Material Management
2. What do you mean by Maximum Capacity?
3. What is Backlog?
4. What is aggregate planning?
5. What is MRP?
6. What is Reorder Point?
7. What is GOLF Analysis?

8. Define Quality
9. What is Brainstorming?
10. Who is the father of TPM?

(10 × 1 = 10 Marks)

SECTION – B

Short Answer Questions (not to exceed one paragraph)

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

11. What is Process Design?
12. State three advantages of Fixed position layout
13. What do you mean by Assembly Line Balancing?
14. What do you mean by Inventory?
15. What are the other lot sizing techniques available in addition to EOQ?
16. What is COQ?
17. What are control charts?
18. Why is MRP II known as closed loop system?
19. What is the difference between BPR and TQM?
20. State two advantages of JIT
21. What is Material Handling?
22. What are the three main types of ISO?

(8 × 2 = 16 Marks)

SECTION – C

Short Answer Questions (Not to Exceed 120 words)

Answer any six questions. Each question carries 4 marks.

23. Explain the steps in Value Analysis
24. What are the Principle of Plant Layout?
25. What are the process involved in Capacity planning?
26. What are the Elements of MRP?
27. What is Quality Control? What are its objectives?
28. What are the benefits of SQC?
29. Briefly explain Kanban concept
30. Explain the principles of Six sigma
31. What are the various decisions taken by operation managers?

(6 × 4 = 24 Marks)

SECTION – D

Long Essay question. Answer any two questions. Each question carries 15 marks

32. Discuss in detail about the Scope of Operations Management
33. Explain the Concept of Quality Circle
34. What is Business Process Reengineering? Explain its steps
35. Explain TQM

(2 × 15 = 30 Marks)