

PD-2815



SEAT No.

[Total No. of Pages : 2]

[6430]-24

M.B.A

**GC - 10(204) : OPERATIONS AND SUPPLY CHAIN
MANAGEMENT**

(Rev. 2019) (Semester - II)

Time : 2½ Hours

[Max. Marks : 50]

Instructions to the candidates :

- 1) All questions are compulsory.
- 2) Each question has internal options.
- 3) Each question carry equal marks.
- 4) Use of Non-scientific calculator is allowed.

Q1) Attempt Any Five out of Eight following questions:

[10]

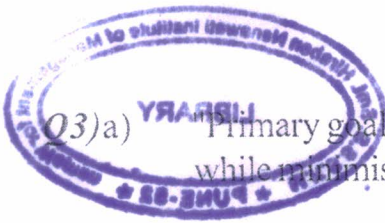
- Identify and list any four functions of Operation Management.
- Define Quality in perspective of Manufacture's view.
- Describe the concept Kaizen.
- Define Intermittent flow system.
- Recall the concept of Batch Production.
- List the types of Plant Layout.
- State the full form of BOM and MRP.
- Define Supply Chain Management.

Q2) Attempt any two out of three from the following:

[10]

- Summarise the phases of production planning and control (PPC).
- Infer the term Gantt Chart used in production planning and control.
- Demonstrate and Explain the types of operation processes.

P.T.O.



Q3) a) "Primary goal of Lean Management theory is to maximize customer's value while minimising waste" Illustrate the statement with suitable example. [10]

OR

b) "Process Layout is generally deployed for job order production activities" Comment. [10]

Q4) a) A manufacturing company needs 1200 units of a particular component every year. The order processing cost for This part is estimated at Rs.15 and The cost of carrying a part in stock is 20%. Cost per unit is Rs.25. Calculate the EOQ and Number of order per year. [10]

OR

b) Analysis the various Inventory control techniques. Appraise the inventory control policies with respect to ABC Analysis. [10]

Q5) a) Design the Service Blue Printing for Travel and Tourism Company (Consider Assumptions) [10]

OR

b) Design generalized Supply Chain Model for Automobile Manufacturing Company of your choice. (Consider Assumptions) [10]



Total No. of Questions : 5]

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First Year M.B.A.

SEAT No. :

[Total No. of Pages : 2

**204 -GC-10 : OPERATIONS & SUPPLY CHAIN MANAGEMENT
(2019 Revised Pattern) (Semester - II)**

Time : 2½ Hours]

[Max. Marks : 50

Instructions to the candidates:

- 1) All questions are compulsory.
- 2) Each questions carry 10 marks.
- 3) Each questions has an internal options.
- 4) Use of non-scientific calculator is permitted (as applicable).

Q1) Solve any five out of eight following sub questions: [10]

- a) Describe the concept of lean management.
- b) Describe cash to cash conversion.
- c) List any four functions of PPC.
- d) Examine the concept of Decoupling Inventory.
- e) Define operations management.
- f) State the concept of quality with respect to customer's perspective.
- g) List any two examples of each of mass production process & batch production process.
- h) Enumerate any four fragmented elements of supply chain.

Q2) Solve any two out of three questions. [10]

- a) Explain the keys issues of supply chain management.
- b) Identify & Express Ethical & Environmental Issues in operation management.
- c) Explain service Blue printing.

Q3) a) Illustrate various production process. [10]

OR

- b) Distinguish product Layout & Process layout witnes. [10]

P.T.O.

Q4) a) illustrate the concept of fore casting as a planning tool. **[10]**

OR

b) 'Production planning & control address a fundamental problem of low productivity, inventory, management & resources utilization' Illustrate the statement with suitable examples. **[10]**

Q5) a) Design the service system for online Banking operations (consider assumptions) **[10]**

OR

b) Categorise the various Inventory cost Appraise EOQ by using graphical representation. **[10]**



Total No. of Questions : 5]

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SEAT No. :

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[6201]-204

M.B.A.

GC - 10 - 204: Operations & Supply Chain Management
(Semester II) (2019 Revised Pattern)

Time : 2½ Hours]

[Max. Marks : 50

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Each question carries 10 marks.*
- 3) *Each question has an internal options.*
- 4) *Use of non-scientific calculator is permitted (as applicable)*

Q1) Solve any five out of Eight following sub questions :

[10]

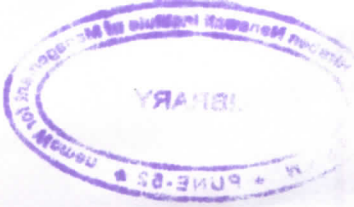
- a) Define process layout.
- b) State the full of VED & GOLF.
- c) Enlist the any four key principles of TQM.
- d) Define logistics management.
- e) Recall the concept of internal customer.
- f) List 2 examples of batch production.
- g) Give the roles of production planning & control (PPC)
- h) Define scheduling.

Q2) Solve any two out of Three :

[10]

- a) Explain service blue printing.
- b) Identify & Express Ethical & Environmental Issues in operations management.
- c) Explain the key Issues of supply chain management.

P.T.O.



Q3) a) Differentiate various reasons behind capacity planning. [10]

OR

b) Illustrate various reasons behind forecasting as a planning tool.

Q4) a) Discuss continuous and Intermittent operation process. [10]

OR

b) Classify inventories & appraise seasonal, decoupling, cyclic, pipeline & safety Inventory with example

Q5) a) Compose generalized supply chain for automobile accessories manufacturing company (consider Assumption). [10]

OR

b) Design the service system for e-SCM.



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Total No. of Questions : 5]

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F.Y.M.B.A.

**204-GC-10 : OPERATIONS AND SUPPLY CHAIN
MANAGEMENT**

(2019 Revised Pattern) (Semester - II)

Time : 2½ Hours]

[Max. Marks : 50

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Each question has internal options.*
- 3) *Each question carry equal marks.*
- 4) *Use of Non-Scientific calculator is allowed.*

Q1) Attempt any five out of eight following questions.

[10]

- a) Define logistic management.
- b) Recall the concept of Internal Customer.
- c) Enlist the any four key principles of TQM.
- d) List 2 examples of Batch Production.
- e) Define Process Layout.
- f) Give the roles of Production Planning and Control. (PPC)
- g) Define Scheduling.
- h) State the full of VED and GOLF.

Q2) Attempt any two out of Three following questions.

[10]

- a) Identify and Express Ethical and Environmental Issues in operations management.
- b) Explain service Blue Printing.
- c) Explain the Key issues of Supply Chain Management.

Q3) a) "Stop Making assumptions regarding the production and start planning your capacity". Interpret the statement with respect to Home Appliances.

[10]

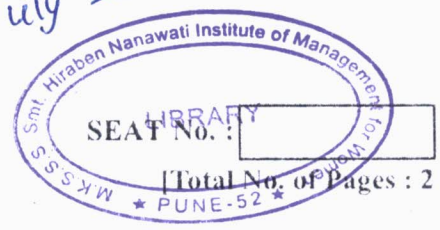
OR

b) Appraise the enablers of Supply Chain.

[10]

P.T.O.

July 23



Q4) a) Categorise the following component in A, B and C Categories. [10]

Component Name	Annual Demand	Cost Per Unit In ₹
C1	3000	50
C2	4000	12
C3	1500	15
C4	6000	10
C5	1000	20
C6	500	500
C7	300	1500
C8	600	2
C9	1750	10
C10	2500	5

OR

b) Categorise the various Inventory cost Appraise EOQ by using graphical representation. [10]

Q5) a) Design the service system for online Banking operations. (Consider assumptions). [10]

OR

b) Compose generalized Supply Chain Model for computer Accessories manufacturing company. (Consider assumptions). [10]

