



I D NO.

**PRESIDENCY UNIVERSITY, BENGALURU
SCHOOL OF MANAGEMENT**

Weightage: 40 %

Max Marks: 100

Max Time: 3 hrs.

17 May 2018

ENDTERM FINAL EXAMINATION MAY 2018

Even Semester 2017-18 Course: **OPS 201- PRODUCTION AND
OPERATIONS MANAGEMENT**

II SEM MBA

Instructions:

- (i) *Read the question properly and answer accordingly.*
 - (ii) *Question paper consists of 3 parts.*
 - (iii) *Avoid false numbering*
 - (iv) *Elucidate your answers with suitable illustrations where needed*
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Part A

(10 Q x 2 M = 20 Marks)

1. What is a Warehouse?
2. Define Quality Circles.
3. What is Quality Function Deployment (QFD) ?
4. What is Period Order Quantity?
5. What are the Intangible Resources in Operations Strategy?
6. What is Job Enrichment?
7. Explain Central Limit Theorem.
8. Define Pegging.
9. What is Vendor Management Inventory?
10. What is benchmarking?

Part B

(8 Q x 5 M = 40 Marks)

11. A company manufacturing gears for automobile wants to be the best in the market. In order to do so they have divided there quality in different determinants. What determinants Mr.Peter as a Quality Manager will look into, in order for his company product to be best in the market?
- 12.LG Production Manager wants to set up a new layout for the manufacturing of upcoming new model of Washing Machine. He along with other Production Team Members has decided to go for Process Layout instead of Product Layout. Why the team did not select the Product Layout?
- 13.Dell Lap top manufacturing Company wants to improve there productivity. In order to do so they have gone for Multifactor Approaches for measuring Productivity. Which Multifactor Approaches Dell will look for in order to improve productivity?
- 14.Medium range production capacity has got a source. Elucidate on these source.
- 15.TQM is a important concept in any Organization. To be more effective what elements the company should focus on?
- 16.A Product Development Process has to go through different phases. As a Production Manager what typical phases you will concentrate?
- 17.What are the basic reasons the company should need a Warehouse?
- 18.A workshop has 30 numbers of identical machines. The failure patterns of machine are given below:

Lapsed Time in Months after Maintenance	Probability of Failure
1	0.10
2	0.15
3	0.15
4	0.15
5	0.20
6	0.15

It cost Rs 200 to attend a failed machine. Compute Yearly cost of Servicing machine failed.

Part C

(2Q x 20 M = 40 Marks)

19. Demand of computer keyboards at a retail store is 1000 units per month. The upstream vendor (wholesaler) is responsible for fulfilling the needs of this retailer. While placing the order, retailer incurs a cost of Rs 500 each time an order is placed. Each keyboard costs retailer Rs 100 and the retailer has a holding cost of 20 percent. Find
- What should be the order size of the keyboards?
 - How many times retailers should place the order in a month?
 - What is the cycle inventory?
 - What is the average flow time?
20. You are a Quality Manager of PepsiCo and want to introduce a range of Acceptance Sampling Plans. But you are not sure which sampling plan will work for which type of lot. What will be the best choice of decision you will take to go ahead with the sampling plan?



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Weightage: 20 %

Max Marks: 60

Max Time: 2 HRS.

10 March Saturday 2018

MID TERM EXAMINATION

SET A

Course: **OPS 201 PRODUCTION AND
OPERATIONS MANAGEMENT**

II Sem. MBA

Even Semester 2017-18

Instruction:

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-

Part A

(10 Q x 2 M = 20 Marks)

1. What are the Intangible resources in operations strategy?
2. What is Conformance in Quality?
3. What is a Warehouse?
4. What are features in Quality?
5. Name any two indirect outputs of an Operations Systems.
6. Explain Design for Robustness.
7. Define Quality Circles.
8. What is Logistics?
9. Name any two Decision Making Process in Operations Management.
10. What are the External Inputs of an Operations System?

Part B

(4Q x 5M = 20 Marks)

11. Quality plays a vital role in manufacturing. What dimensions one should look into it in details?
12. Organization focuses on several determinants to improve their quality. What determinants one should focus in order to achieve their milestones?
13. To have a good warehouse one should keep in mind the various characteristics of Warehouse. Explain these characteristics in detail.
14. Medium range production capacity has got a source. Elucidate on the source.

Part C

(1Q x 20 M = 20 Marks)

15. You have been appointed as purchasing manager of XYZ Corporation. What steps you Will follow for implementing the right purchasing process?



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MID TERM EXAMINATION

SET B

Course: **OPS 201 PRODUCTION AND**

Even Semester 2017-18

OPERATIONS MANAGEMENT

II Sem. MBA

Instruction:

- (i) Read the question properly and answer accordingly.
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Part A

(10 Q x 2 M = 20 Marks)

1. What is Logistics?
2. Explain Demand Management.
3. What are the Primary Resources of Inputs of an Operations System?
4. Name any two direct outputs of an Operations Systems.
5. What are the Intangible resources in Operations Strategy?
6. Explain JIT.
7. What is Make or Buy Analysis?
8. What is a Warehouse?
9. What are features in Quality?
10. Explain Supply Chain Management.

. Part B

(4Q x 5M = 20 Marks)

11. As a Production Manager you are creating MPS with some Objectives. Elucidate on these Objectives.
12. Medium range production capacity has got a source. Elucidate on the source.
13. To have a good Warehouse one should keep in mind the various characteristics of Warehouse. Explain these characteristics in detail.
14. Production Planning is an important activity in Production. Why aggregate planning is required for Production Planning?

Part C

(1Q x 20 M = 20 Marks)

15. Honda Motors wants to have several vendors who can supply the product for their Motorcycle division. What ethics in buying Honda Motors should follow with their vendors?