

Hall Ticket Number :

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**R-19**

**Code: 9P1A24**

M.B.A. II Semester Supplementary Examinations April 2023

## **Operations Management**

Max. Marks: 60

Time: 3 Hours

Answer all five units by choosing one question from each unit ( 5 x 12 = 60 Marks )

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Marks CO BL

### **UNIT-I**

- |           |                                                               |    |     |   |
|-----------|---------------------------------------------------------------|----|-----|---|
| 1. a)     | Explain the over view of production and operations management | 6M | CO1 | 2 |
| b)        | Explain the product and process design                        | 6M | CO1 | 2 |
| <b>OR</b> |                                                               |    |     |   |
| 2. a)     | Explain the product and process development                   | 3M | CO1 | 2 |
| b)        | Explain functions of POM.                                     | 9M | CO1 | 2 |

### **UNIT-II**

- |           |                                                                                              |     |     |   |
|-----------|----------------------------------------------------------------------------------------------|-----|-----|---|
| 3.        | What are the various location factors to be considered for establishment of an organization? | 12M | CO2 | 1 |
| <b>OR</b> |                                                                                              |     |     |   |
| 4. a)     | Explain about the Capacity utilization                                                       | 6M  | CO2 | 2 |
| b)        | Explain about the Feasibility production alternatives                                        | 6M  | CO2 | 2 |

### **UNIT-III**

- |           |                                                    |     |     |   |
|-----------|----------------------------------------------------|-----|-----|---|
| 5.        | What are the modern methods of production control? | 12M | CO3 | 1 |
| <b>OR</b> |                                                    |     |     |   |
| 6.        | Explain different types of scheduling techniques.  | 12M | CO3 | 2 |

### **UNIT-IV**

- |           |                                                  |     |     |   |
|-----------|--------------------------------------------------|-----|-----|---|
| 7. a)     | Explain                                          |     |     |   |
|           | i). EOQ ii) ABC analysis iii) VED                | 5M  | CO4 | 2 |
| b)        | Explain functions of materials management.       | 7M  | CO4 | 2 |
| <b>OR</b> |                                                  |     |     |   |
| 8.        | Explain basic principles of material management. | 12M | CO4 | 2 |

### **UNIT-V**

- |           |                                                                   |     |     |   |
|-----------|-------------------------------------------------------------------|-----|-----|---|
| 9.        | Elaborate your approach on TQM implementation in an organization. | 12M | C05 | 2 |
| <b>OR</b> |                                                                   |     |     |   |
| 10.       | Elaborate TQM Frame Work.                                         | 12M | C05 | 2 |

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Hall Ticket Number :									
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<b>R-19</b>
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**Code: 9P1A27**

M.B.A. II Semester Supplementary Examinations April 2023

**Operations Research**

Max. Marks: 60

Time: 3 Hours

Answer all five units by choosing one question from each unit ( 5 x 12 = 60 Marks )

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Marks CO BL

<b>UNIT-I</b>
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1. Explain the limitations of Linear Programming 12M 1 1

**OR**

2. Use simplex method to solve the LPP. Min  $Z=x_2-3x_3+2x_5$

Subject to

$3x_2-x_3+2x_5 \leq 7$

$-2x_2+4x_3 \leq 12$

$-4x_2+3x_3+8x_5 \leq 10$  &  $x_2, x_3, x_5 \geq 0$

12M 1 4

<b>UNIT-II</b>
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3. Explain the step by step procedure to solve a transportation problem using Vogel's Approximation method. 12M 2 1

**OR**

4. A company has three production facilities S1, S2 & S3 with production capacity of 700, 900 & 1800 respectively, per week of a product. These units are to be shipped to four warehouses D1, D2, D3 and D4 with requirement of 500, 800, 700 & 1400 units respectively, per week. Apply least cost method to find the initial basic feasible solution. The transportation costs in rupees per unit between sources to destinations are as follows

	D1	D2	D3	D4	Capacity
S1	19	30	50	10	700
S2	70	30	40	60	900
S3	40	8	70	20	1800
Demand	500	800	700	1400	3400

12M 2 4

<b>UNIT-III</b>
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5. Consider the following assignment problem given in the table below. There are four teachers who can teach four different subjects. The matrix entities represent failure percentages. Assign teachers to the subjects such that total failure percentage is minimized.

	Maths	Physics	Chemistry	Biology
Rama	8	6	4	8
Lakshmana	6	5	5	8
Bharata	9	10	11	12
Satrughna	7	6	8	10

12M 3 4

**OR**

6. Illustrate step by step procedure to solve an Assignment problem using Hungarian Method. 12M 3 2



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**R-19**

**Code: 9P1A26**

M.B.A. II Semester Supplementary Examinations April 2023

**Research Methodology**

Max. Marks: 60

Time: 3 Hours

Answer all five units by choosing one question from each unit ( 5 x 12 = 60 Marks )

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	Marks	CO	BL
<b>UNIT-I</b>			
1. a) What is Descriptive research? Explain with suitable examples.	5M	1	2
b) What is hypothesis? discuss about its formulation	7M	1	1
<b>OR</b>			
2. a) Discuss about Problem Identification.	5M	1	2
b) What is variable? Explain about different types of variables	7M	1	2
<b>UNIT-II</b>			
3. a) What do you mean by Research? Mention the Research Process.	9M	2	2
b) What is the need research design? Discuss	3M	2	2
<b>OR</b>			
4. a) Discuss about the Types of Research Design.	7M	2	4
b) Why probability sampling is generally preferred in comparison to non-probability sampling? Explain the procedure of selecting a simple random sample.	5M	2	5
<b>UNIT-III</b>			
5. a) Discuss about different Measurement Scales.	5M	3	3
b) Briefly explain Likert's Scale with suitable examples	7M	3	3
<b>OR</b>			
6. a) Elucidate Scaling Techniques	5M	3	2
b) Discuss about the Drafting and Refining the Questionnaires	7M	3	2
<b>UNIT-IV</b>			
7. a) What is interviewing? Explain the different steps of it	5M	4	2
b) Explain the different phases of Data Analysis Process.	7M	4	2
<b>OR</b>			
8. a) What is the collection of data? Mention the various data collection types.	7M	4	2
b) What is Data Analysis? Explain about the different Types of Data Analysis	5M	4	2
<b>UNIT-V</b>			
9. a) Report writing is more an art that hinges upon practice and experience". Discuss.	7M	5	5
b) What are the Different Steps in Writing Report? Explain	5M	5	3
<b>OR</b>			
10. a) What do you mean by report writing? Explain about the technical report.	5M	5	4
b) Discuss about the merits and demerits of report writing.	7M	5	2

\*\*\*END\*\*\*

Hall Ticket Number :

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**R-19**

**Code: 9P1A22**

M.B.A. II Semester Supplementary Examinations April 2023

**Financial Management**

Max. Marks: 60

Time: 3 Hours

Answer all five units by choosing one question from each unit ( 5 x 12 = 60 Marks )

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**UNIT-I**

1. Discuss in detail, the functions and objectives of financial management. 12M

**OR**

2. State in brief the Role of a finance manager in Business decisions 12M

**UNIT-II**

3. Write a detailed note on discounted cash flow techniques of capital budgeting. 12M

**OR**

4. A business firm is thinking of choosing the right machine for their purpose after financial evaluation of the proposals the initial cost and the net cash flow over five years .the business have Net cash flows details of machines

	<b>Machine X</b>	<b>Machine y</b>
Initial cost of machine	20000	28000
Cash flows 1 <sup>st</sup> year	8000	10000
2 <sup>nd</sup> year	12000	12000
3 <sup>rd</sup> year	9000	12000
4 <sup>th</sup> year	7000	9000
5 <sup>th</sup> year	6000	9000

Calculate a) Payback period b) Net Present value.

The cost of Capital of the company is 10%.

12M

**UNIT-III**

5. Discuss about the factors that are determining working capital. 12M

**OR**

6. Write a detailed note on cash management. 12M

**UNIT-IV**

7. Write a detailed note on NOI theory of capital structure. 12M

**OR**

8. Write a detailed note on operating and financial leverages. 12M

**UNIT-V**

9. What is Dividend? Explain forms of Dividend in briefly 12M

**OR**

10. Critically examine various theories of Dividend theories and its assumptions 12M

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Hall Ticket Number :

**R-19**

**Code: 9P1A21**

M.B.A. II Semester Supplementary Examinations April 2023

**Human Resource Management**

Max. Marks: 60

Time: 3 Hours

Answer all five units by choosing one question from each unit ( 5 x 12 = 60 Marks )

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Marks CO BL

**UNIT-I**

1. a) What is the nature of Human Resource Management? 6M CO1 L1  
b) Describe the various models of SHRM. 6M CO1 L2

**OR**

2. a) Explain the objective of HRM. 6M CO1 L4  
b) What is the need for HRM? 6M CO1 L1

**UNIT-II**

3. What is Human Resource Planning? Explain the meaning and nature of HR planning. 12M CO2 L3

**OR**

4. a) Elucidate the various steps involved in Job analysis. 8M CO2 L5  
b) Describe job specification. 4M CO2 L2

**UNIT-III**

5. a) Explain how would you identify training needs for the effectiveness of training program? 6M CO3 L4  
b) What is Check List Method of appraisal? 6M CO3 L1

**OR**

6. Explain the problems in performance appraisal. What can managers do to handle those problems? 12M CO3 L4

**UNIT-IV**

7. a) What are the stages of Career Life Cycle? 6M CO4 L5  
b) Discuss the process of career development. 6M CO4 L3

**OR**

8. Define compensation. Explain the objectives and influencing factors of compensation management 12M CO4 L2

**UNIT-V**

9. a) Define knowledge management and explain the scope of knowledge management. 6M CO5 L3  
b) What are the major principles and strategies of knowledge management? 6M CO5 L3

**OR**

10. a) Explain the emerging trends in talent management. 6M CO5 L4  
b) How is Talent different from Knowledge? What are the possible outcomes of failure in talent management? 6M CO5 L5

\*\*\*END\*\*\*