

Hall Ticket Number :

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R-17

Code: 7P1A22

M.B.A. II Semester Supplementary Examinations October 2020

Financial Management

Max. Marks: 60

Time: 3 Hours

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

UNIT-I

1. What is Financial management and explain its goals?

OR

2. What do you mean by Wealth Maximisation and Profit Maximisation? Which one do you suggest Why?

UNIT-II

3. Define Capital Budgeting. Explain the process and techniques of Capital Budgeting.

OR

4. The following two projects S and R require an investment of Rs 2,00,000 each. The income after taxes for these projects is as follows:

Year	1	2	3	4	5	6
Project - S (Rs)	80,000	80,000	40,000	20,000	-----	-----
Project - R (Rs)	20,000	40,000	40,000	40,000	60,000	60,000

Using the following criteria, determine which of the projects is preferable:

- a) 6-Years Payback b) Average Rate of Return
c) Present Value Approach if the company's cost of capital is 10 percent.

UNIT-III

5. What do you mean by Cost of Capital? Explain about the Weighted Average Cost of Capital and its components?

OR

6. Reliance manufacturing company has the following capital structure.

	Rs.
200000 Equity Shares	20,00,000
Reserves	10,00,000
15% Debentures	20,00,000
14% Long-term loans	10,00,000
	60,00,000

Compute WACC based on existing capital structure. The market price of the companies share is Rs.60. The company is to pay a dividend of Rs.5 per share next year and the dividend will grow at 7% per year. The tax rate is 50%.

UNIT-IV

7. What are the different sources of finance in capital structure?

OR

8. A company has sales of Rs. 1 lakh. The variable costs are 40% of the sales, while the fixed operating costs amount to Rs. 30,000. The amount of interest on long - term debt is Rs. 10,000. You are required to calculate the combined leverage and illustrate its impact if sales increase by 5%.

UNIT-V

9. Discuss in detail the Gordon's Dividend theory?

OR

10. The following information is available in respect of a firm:

EPS Rs 20

Rate of Capitalisation 10%

Calculate the Market Price of the company's quoted shares under Walter's model if the dividend pay-out ratio is 0%, 25%, 50%, 75% and 100%, if it earn a return of :

a.15% b. 10% and c.5%

Code: 7P1C27

M.B.A. II Semester Supplementary Examinations October 2020

Operations Research

Max. Marks: 60

Time: 3 Hours

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

UNIT-I

1. What is OR? Explain the applications of OR in managerial decision-making. 12M
- OR**
2. Explain the phases and models of OR? 12M

UNIT-II

3. Write a note on simplex method 12M
- OR**
4. Find the maximum of $Z = 5x_1 + 7x_2$ subject to constraints 12M
- | | |
|----------------|----|
| $x_1 + x_2$ | 4 |
| $3x_1 + 8x_2$ | 24 |
| $10x_1 + 7x_2$ | 35 |

UNIT-III

5. Explain the method of solving a transportation problem by 6M
- (a) Northwest corner cell method
- (b) Vogel's Approximation method 6M
- OR**
6. a) What is the Travelling salesman problem? 4M
- b) Obtain the initial solution to the following TP using northwest corner method.

	A	B	C	D	Supply
I	1	5	3	3	34
II	3	3	1	2	15
III	0	2	2	3	12
IV	2	7	2	4	19
Demand	21	25	17	17	

UNIT-IV

7. Explain the following 12M
- (a) Saddle point
- (b) Dominance property
- (c) Value of the game
- (d) Minimax principle
- OR**
8. Solve the following 3 x 5 game using dominance property

	Player B				
	6	15	30	21	6
Player A	3	3	6	6	4
	12	12	24	36	3

UNIT-V

9. Define terms: Activity, Event, Merge Event, Burst Event, Total float, Free float, Critical path, critical activity 12M
- OR**
10. A project schedule has the following characteristics. Construct the PERT network and find the critical path and time duration of the project. 12M
- | | | | | | | | | | | | |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Activity | 1-2 | 1-4 | 1-7 | 2-3 | 3-6 | 4-5 | 4-8 | 5-6 | 6-9 | 7-8 | 8-9 |
| Time | 2 | 2 | 1 | 4 | 1 | 5 | 8 | 4 | 3 | 3 | 5 |

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R-17

Code: 7P1A24

M.B.A. II Semester Supplementary Examinations October 2020

Production and Operations Management

Max. Marks: 60

Time: 3 Hours

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

UNIT-I

1. Production and operations department is a central subsystem of the organization. Elaborate the statement taking any organization of your choice.

OR

2. What are the different functions normally performed by a production and operations manager? Explain each of them in detail.

UNIT-II

3. Explain about the aggregate planning in production planning and control.

OR

4. Draw the Gantt charts with explanation in production planning and control.

UNIT-III

5. What is meant by plant location? What are the various factors that play a dominant role in the location of a plant? Discuss.

OR

6. What are the different principles of layout? Explain.

UNIT-IV

7. Explain about the factors affecting in productivity.

OR

8. Discuss about the work measurements in productivity.

UNIT-V

9. Explain about the Just in-Time production.

OR

10. Elucidate Total Quality Management.
