

(Pages : 4)

T – 6093

Reg. No. : .....

Name : .....

**Fifth Semester Five Year M.B.A. (Integrated) Degree Examination,  
July 2024**

**DDCM 501 : OPERATIONS RESEARCH**

**(2015 Scheme)**

Time : 3 Hours

Max. Marks : 60

**PART – A**

Answer **any five** questions. Each question carries **3** marks.

1. What is meant by degeneracy? How to solve it?
2. What are the components of LPP?
3. Define the constraint in Transportation Problem.
4. Distinguish between Initial feasible solution and Optimal Solution.
5. Define PERT illustrating with an example.
6. What do you mean by Resource Scheduling?
7. What is Zero sum game?
8. What do you mean by Opportunity loss?

**(5 × 3 = 15 Marks)**

P.T.O.





PART – B

Answer any **five** questions. Each question carries **5** marks.

9. Solve the following LPP by graphic method

$$\text{Max } Z = 20x + 10y$$

$$\begin{array}{l} \text{Subject to} \\ x + 2y \geq 40 \\ 3x + y \geq 30 \\ 4x + 3y \geq 60 \\ x, y \geq 0 \end{array}$$

10. Solve the following game problem whose pay-off matrix is given by

		Player B			
		B1	B2	B3	B4
Player A	A1	-5	2	0	7
	A2	5	6	4	8
	A3	4	0	2	-3

11. Explain the concept of

(a) Duality in LPP

(b) Sensitivity Analysis

12. What is Traveling Sales Person Problem? Explain the method to solve it.





13. A small project is composed of nine activities whose time estimates are listed in the following table

Activity	Optimistic Time	Most Likely Time	Pessimistic Time
1-2	3	6	15
1-6	2	5	14
2-3	6	12	13
2-4	2	5	8
3-5	5	11	17
4-5	3	6	15
5-8	1	4	7
6-7	3	9	27
7-8	4	19	28

Draw the Project Network, find Critical Path and estimate probability that the project will be completed by 31 days.

14. Write short notes on the following
- (a) Staffing Problem
  - (b) Expected Value of Perfect Information
15. Explain the method of solving game problem by Principle of dominance.
16. What is meant by Stimulation? Explain its relevance in Business with an example problem.

**(5 × 5 = 25 Marks)**

**PART – C**

Answer any **two** questions. Each question carries **10** marks.

17. Explain the scope of Queuing Theory in business domain by explaining the concept of Queue length, arrival rate, service rate and idle time.
18. Explain how to formulate an LPP from a business problem, with an example.





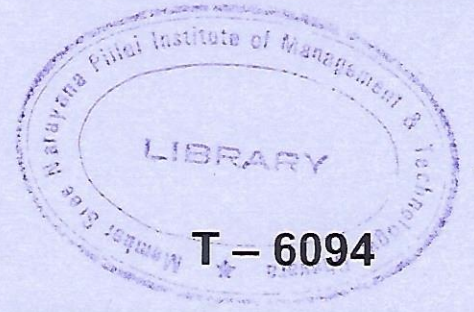
19. Solve the following TP to maximize the profit initially by VAM method and further optimization by MODI method.

Origin	Destination				Supply
	1	2	3	4	
A	15	52	42	33	23
B	80	42	26	81	44
C	90	40	66	60	33
Requirement	23	31	16	30	

(2 × 10 = 20 Marks)







(Pages : 2)

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**Fifth Semester Five Year M.B.A. (Integrated) Degree Examination,  
July 2024**

**DDCM 502 : MACRO ECONOMICS**

**(2015 Scheme)**

Time : 3 Hours

Max. Marks : 60

**PART – A**

Answer any **five** questions. Each question carries **3** marks.

1. Define Consumption Function.
2. What is meant by Absolute Income Hypothesis?
3. What determines an Optimal Investment for an organization?
4. What is Multiplier in Economics?
5. Define the term Frictional Unemployment.
6. Explain the reasons for economic instability.
7. What is Deficit Financing?
8. Enumerate the functions of EXIM Bank.

**(5 × 3 = 15 Marks)**

P.T.O.



## PART – B

Answer any **five** questions. Each question carries **5** marks.

9. Explain the Circular Flow of Income in Four Sector Economy.
10. Brief the Long Run Consumption Function in Macro Economics.
11. Explain the factors that affect Investment of a Nation.
12. Explain Philips Curve with suitable examples.
13. Discuss the concept of Business Cycle in Macro Economics.
14. Elucidate the cause of East Asian Crisis.
15. Explain the different causes of Inflation in an Economy.
16. Describe the functions of SEBI and IFCL.

**(5 × 5 = 25 Marks)**

## PART – C

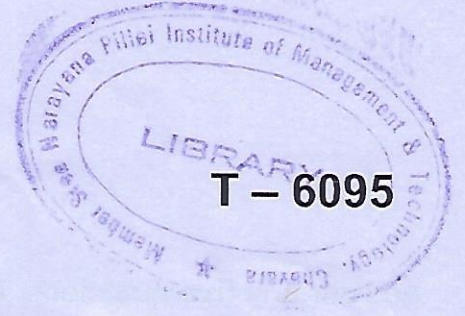
Answer any **two** questions. Each question carries **10** marks.

17. Define Investment. Explain the Accelerator Theory of Investment with examples.
18. Define Unemployment. Explain the different types and causes of Unemployment in India.
19. Describe the status of Current India Economy. Comment the suitable suggestions to improve as a Developed Economy Nation of India in the Future.

**(2 × 10 = 20 Marks)**



(Pages : 2)



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**Fifth Semester Five Year M.B.A. (Integrated) Degree Examination,  
July 2024**

**DDCM 503 : INTERNATIONAL BUSINESS  
(2015 Scheme)**

Time : 3 Hours

Max. Marks : 60

**PART - A**

Answer any **five** questions. Each question carries **3** marks.

1. Define International business.
2. List the needs to enter a Foreign Market.
3. What are the activities of International Finance Corporation?
4. What is the impact of the political ideologies in international business?
5. Define Global Operation.
6. List the theories of International Investment.
7. Write a short note on WTO.
8. What is multi domestic strategy?

**(5 × 3 = 15 Marks)**

P.T.O.





## PART – B

Answer any **five** questions. Each question carries **5** marks.

9. Write short note on global theory and practice.
10. Give a brief note on the impact of culture on global business.
11. Briefly discuss the functions of Regional financial institutions.
12. Write the impact of State control and its impact on international business.
13. Record the need of out sourcing in International Business.
14. Discuss on the global forces acting on the international business.
15. Explain the role of WTO in promoting international business.
16. What are the future developments in international business?

**(5 × 5 = 25 Marks)**

## PART – C

Answer any **two** questions. Each question carries **10** marks.

17. Discuss the challenges that an organisation will face in entering foreign market by different methods and discuss the strategies to manage the same.
18. How do you think the knowledge of the External environmental factors help you in managing them while going global?
19. Discuss the role and functions of OECD in promoting International Business.

**(2 × 10 = 20 Marks)**





(Pages : 2)



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**Fifth Semester Five Year M.B.A. (Integrated)  
Degree Examination, July 2024**

**DDCM 504 : RESEARCH METHODS FOR MANAGERS**

**(2015 Scheme)**

Time : 3 Hours

Max. Marks : 60

**SECTION – A**

Answer any five questions. Each question carries 3 marks.

1. Write the need for business research.
2. Write the major content for research topics.
3. Define secondary data.
4. What is data collection.
5. What is ratio scales.
6. Write the types of validity.
7. What is blank response.
8. Define research proposal.

**(5 × 3 = 15 Marks)**

P.T.O.



## SECTION – B

Answer any **five** questions. Each question carries **5** marks.

9. Explain the types of business research.
10. Elucidate the deductive method in business research.
11. Explain the influence of uncertainty on the research.
12. Brief the different steps involved in research proposal.
13. Explain the features of good research design.
14. Describe the dimensions and elements of variables.
15. Differentiate questionnaire and scheduled method.
16. Explain discriminative and factor analysis.

(5 × 5 = 25 Marks)

## SECTION – C

Answer any **two** questions. Each question carries **10** marks.

17. Explain in detail the concepts of population and sampling.
18. Discuss the interview schedule and techniques of data collection.
19. Explain the steps to be followed in writing a report. Also brief the layout of research report.

(2 × 10 = 20 Marks)



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(Pages : 2)

T – 6097

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Fifth Semester Five Year M.B.A. (Integrated) Degree Examination,  
July 2024

DDCM 505 : PROJECT MANAGEMENT

(2015 Scheme)

Time : 3 Hours

Max. Marks : 60

PART – A

Answer any **five** questions. Each question carries **3** marks.

1. Define Project.
2. What is Project Formulation?
3. Define Gantt chart.
4. Define Project report.
5. Write about Tendering in contract.
6. Define Project design.
7. What is Work Breakdown Structure?
8. Write about SMART goals.

(5 × 3 = 15 Marks)

P.T.O.



## PART – B

Answer any **five** questions. Each question carries **5** marks.

9. Explain the Roles and responsibilities of Project manager.
10. Discuss in detail Project management process.
11. Explain about project financing and its stages.
12. Describe the benefits of team building in Project management.
13. Explain the steps involved in Project Portfolio Management.
14. Explain the importance of HR planning in Project Management.
15. Explain the detail how to manage project stakeholders.
16. Differentiate Project monitoring and evaluation.

## PART – C

(5 × 5 = 25 Marks)

Answer any **two** questions. Each question carries **10** marks.

17. Explain in detail about important Techniques for project management.
18. Explain and how do you resolve conflicts in your projects.
19. Elaborate the methods of Project evaluation.

(2 × 10 = 20 Marks)

