

ASSIGNMENTS

Diploma in Supply Chain Analytics

DSCA 2nd semester (Batch 2025-26)



Centre for Distance and Online Education

Guru Jambheshwar University of Science & Technology

Hisar-125001

Compiled by:-

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Course Coordinator

Diploma in Supply Chain Analytics

CDOE, GJUS&T

CENTRE FOR DISTANCE AND ONLINE EDUCATION
Programme: Diploma in Supply Chain Analytics (DSCA)

Course Name: Logistic Management
Code: SCA-201

Sem: 2nd
Total Marks=30

Important Instructions

- i. Attempt all questions from each assignment given below.**
- ii. Each assignment carries 15 marks.**
- iii. All questions are to be attempted in legible handwriting on plane white A-4 size paper and upload the scanned copy of the assignments on student portal.**

ASSIGNMENT-I

1. Define Logistic Management. Explain its major functions and objectives.
2. Briefly explain about different types of warehouses along with its functions and importance.
3. Write short note on the following:
 - a) ERP-SAP-ORACLE
 - b) Consumer and Industrial Packaging

ASSIGNMENT-II

1. Discuss the role of transportation in logistic management. What are the various modes used for transportation in Business world?
2. Explain the concept of Containerization along with its types and benefits.
3. Write short note on the following:
 - a) Bar coding and RFID
 - b) Role of intermediaries in logistic management

CENTRE FOR DISTANCE AND ONLINE EDUCATION
Programme: Diploma in Supply Chain Analytics (DSCA)

Course Name: Global Supply Chain Management
Code: SCA-202

Sem: 2nd
Total Marks=30

Important Instructions

- i. Attempt all questions from each assignment given below.**
- ii. Each assignment carries 15 marks.**
- iii. All questions are to be attempted in legible handwriting on plane white A-4 size paper and upload the scanned copy of the assignments on student portal.**

ASSIGNMENT-I

1. Explain the concept of Global Supply Chain Management.
2. Describe the stages of international development.
3. What are the different types of risks in a global supply chain?

ASSIGNMENT-II

1. Discuss the requirements for implementing a global supply chain strategy.
2. Examine the key issues in International Supply Chain Management.
3. Explain the concept of Green Supply Chain Management.

CENTRE FOR DISTANCE AND ONLINE EDUCATION
Programme: Diploma in Supply Chain Analytics (DSCA)

Course Name: Quantitative Methods for Decision Making
Code: SCA-203

Sem: 2nd
Total Marks=30

Important Instructions

- i. Attempt all questions from each assignment given below.**
- ii. Each assignment carries 15 marks.**
- iii. All questions are to be attempted in legible handwriting on plane white A-4 size paper and upload the scanned copy of the assignments on student portal.**

ASSIGNMENT-I

1. Define Management Science. Explain the role of Management Science in decision-making.
2. What is Linear Programming? State its assumptions.
3. Discuss real-life applications of transportation models.

ASSIGNMENT-II

1. What is inventory management? Why is it important?? Explain the special techniques for inventory management.
2. Develop a project schedule using CPM for a construction project.
3. Write a short note on-
 - a) components of a queuing model
 - b) payoff matrix
 - c) Goal Programming

CENTRE FOR DISTANCE AND ONLINE EDUCATION
Programme: Diploma in Supply Chain Analytics (DSCA)

Course Name: Export Procedure and Documentation
Code: SCA-204

Sem: 2nd
Total Marks=30

Important Instructions

- i. Attempt all questions from each assignment given below.**
- ii. Each assignment carries 15 marks.**
- iii. All questions are to be attempted in legible handwriting on plane white A-4 size paper and upload the scanned copy of the assignments on student portal.**

ASSIGNMENT-I

- Q1. What are commercial documents in international trade?
- Q2. What are legal and regulatory documents in export trade?
- Q3. What are INCOTERMS? Explain their significance.

ASSIGNMENT-II

- Q1. What are the different types of risks in international trade?
- Q2. Discuss various instruments of payment in international trade.
- Q3. Discuss the importance of export incentives for exporters.

CENTRE FOR DISTANCE AND ONLINE EDUCATION
Programme: Diploma in Supply Chain Analytics (DSCA)

Course Name: Information System in Supply Chain Management
Code: SCA-205

Sem: 2nd
Total Marks=30

Important Instructions

- i. Attempt all questions from each assignment given below.**
- ii. Each assignment carries 15 marks.**
- iii. All questions are to be attempted in legible handwriting on plane white A-4 size paper and upload the scanned copy of the assignments on student portal.**

ASSIGNMENT-I

1. What is an Information System in the context of Supply Chain Management?
2. List the key components of a Supply Chain Information System.
3. What role does information play in supply chain coordination?

ASSIGNMENT-II

1. Define ERP (Enterprise Resource Planning) and its importance in SCM.
2. What challenges do companies face while implementing supply chain information systems?
3. Analyze how companies like Amazon or Walmart use Information Systems to manage their supply chains.