



PRINCIPLES OF LOGISTICS AND TRANSPORT MANAGEMENT

Preamble

The course will provide students with knowledge , understanding and skills in logistics and transport management and their environment.

Aims of the subject

At the end of the course the student should be able to

- Identify current and future developments in logistics and transport
- Examine the principal characteristics and elements of logistics and transport
- Apply the use of information technology in logistics and transport

1.0 Introducing logistics and transport

1.1 Definition of logistics and transport management.

1.2 The evolution of logistics management

2.0 The elements of logistics management

2.1 Transport

2.2 Warehousing

2.3 Inventory management

2.4 Material handling and packaging

2.5 Communication

3.0 The elements of transport system

- 3.1 Way and terminal
- 3.2 Vehicle
- 3.3 Human Factor
- 3.4 Traffic

4.0 The characteristics of traffic

- 4.1 The characteristics of people
- 4.2 The characteristics of goods
- 4.3 The domestic and international transportation
- 4.4 Public and private transport
- 4.5 Own account and Public Haulier

5.0 The modal choice

- 5.1 Air transport
- 5.2 Rail transport
- 5.3 Road transport
- 5.4 Maritime transport
- 5.5 Pipeline transport

6.0 Transport regulation

- 6.1 The enactment of each mode and statutes
- 6.2 Quantity Licensing
- 6.3 Quality Licensing
- 6.4 Price control
- 6.5 Laws of avoiding pollutions

6.6 law of carriage

7.0 Forms of ownership

- 7.1 sole trader
- 7.2 Partnership
- 7.3 Public and private companies
- 7.4 State owned enterprises
- 7.5 Cooperatives
- 8.0 Current and future developments
- 8.1 Interpret changes in the environment
- 8.2 Apply necessary changes to logistics and transport in order to suit the changes

EXAMINATION GRID

NUMBER	TOPIC	WEIGHT%
1	ELEMENTS OF TRANSPORT AND LOGISTICS MANAGEMNT	30
2	THE CHARACTERISTICS OF TRAFFIC	15
3	THE MODAL CHOICE	15
4	TRANSPORT LEGISLATION	10
5	FORMS OF OWNERSHIP	10
6	CURRENT AND FUTURE DEVELOPMENT	20

Four questions to be answered out of the given six

REFERENCES

- 1 David J Bloomberg, Stephen Leymay, Joe B Hannah, Logistics, 2002, Prentice Hall, London
- 2 Alan Rushton, Phil Croucher and Peter Baker, The Handbook of Logistics and Distribution Management, 5th edition, Person Education, New Delhi
- 3 Edmund Gubbins, Transport Operations Management, 3rd edition, Kogan Page, London
- 4 Sateyesh Singh, Transport Engineering, 2014, Venus Book, New Delhi, Indian