

SUBJECT: BUSINESS STUDIES

CLASS: JSS 3

WEEK: 6

TOPIC: TRANSPORTATION

Transportation is a means by which raw materials, finished goods and people are moved from one place to another.

IMPORTANCE OF TRANSPORTATION IN COMMERCE

- i. Transportation helps to widen the market:
- ii. It encourages national and international trade:
- iii. It prevents wastage of perishable goods
- iv. It helps to provide job opportunities
- v. It facilitates and quickening effective distribution of goods
- vi. It influences the location of industry
- vii. It facilitates movement of people
- viii. It facilitates the development of tourism
- ix.

TYPES OF TRANSPORTATION

- i. Transportation by land
- ii. Transportation by air
- iii. Transportation by water
- iv. Transportation by pipeline

1. TRANSPORTATION BY LAND – this is the movement of people and goods from one place to another either by road or railway. Transportation by land is divided into two:

- a. **Transportation by road** – means carrying of goods and people from one place to another on road e.g. motor vehicles. Trailer, buses, carts, bicycles etc.

Advantages of Road transportation

- i. It is flexible because it provides door to door services
- ii. It can reach all parts of the country
- iii. It is easy to load and unload
- iv. Raw materials can be transported directly from farms to the factories

Disadvantages of Road Transportation

- i. Loads carried by road transport is limited
- ii. There is high incidence of breakdown and delay
- iii. It creates congestion and traffic on the highway
- iv. Accidents during movement of goods could lead to heavy loss of life and goods

- b. **Rail Transportation** – it's a means of carrying heavy goods and passengers from one place to another by train. The train tracks connect several northern, eastern and western states.

Advantages of Rail Transportation

- i. It is more reliable
- ii. Its accidents are minimal
- iii. It is good for transporting heavy goods
- iv. It is cheap, safe and comfortable for passengers over a long distance

Disadvantages of Rail Transportation

- i. Rail lines are very expensive to build
- ii. Rail lines do not link many cities and major towns
- iii. Accidents results in heavy casualties and losses

2. TRANSPORTATION BY AIR – is a means of carrying goods and passengers from one place to another with the use of plane, jet and helicopters. It is the fastest means and most comfortable. Air transport can be used for both domestic and international flights. There are **passenger air carriers and cargo air carriers**

Passenger air carriers: This air carries passengers within and across countries while Cargo air carries goods within and across countries.

Advantages of Air Transportation

- i. It is the fastest
- ii. It facilitates international trade
- iii. It is used to carry fragile and perishable goods
- iv. It can travel long distance

Disadvantages of Air Transportation

- i. It is very expensive
- ii. Its safety is questionable i.e. high rate of accident
- iii. It is not suitable for carrying heavy goods.
- iv. It is not flexible

3. TRANSPORTATION BY WATER – is a means of carrying goods and people from one place to another on water with the use of speed boats, canoes and ships.

Advantages of Water Transportation

- i. It is the cheapest
- ii. It facilitates internal trade
- iii. It is good for conveying heavy loads e.g. containers

Disadvantages of Water Transportation

- i. It is very slow and time wasting
- ii. It moves on schedule
- iii. It is not flexible, it can only move on water

4. TRANSPORTATION BY PIPELINE – is a means of transporting liquids and gas. Pipelines are built underground and they are used to transport kerosene, petrol, water etc. from one place to another.

Advantages of Pipeline Transportation

- i. The cost of maintenance is low
- ii. chances of accident are limited
- iii. it reduces congestion of vehicles on the road
- iv. Once built, pipeline does not require frequent maintenance or overhaul

Disadvantages of Pipeline Transportation

- i. it requires a lot of money for construction
- ii. it may lead to illegal bunkering
- iii. it may result to spillage which causes environmental pollution
- iv. some pipes are built on ground surface, so they are open to vandalism

There are recent modes of transportation such as **cable transportation and space flight transportation**. **Cable transportation** is a type of transportation by which vehicles are pulled by cables instead of internal power source. Examples include escalators and ski lift. They are conveyor transport.

Space flight transportation refers to transports out of earth's atmosphere into outer space by means of spacecraft.

Assignment

- a. What are the products carried by pipeline?
- b. List the modes of transportation you know.
- c. Which of the mode of transportation do you prefer most and why?