

## Large Scale Economics:-

When the production is done on large scale the avg cost of a production reduces, it is called as economics of scale. It is two types, &

1) Internal economics

2) External economics

### 1) Internal Economics:-

Internal economics refers to the benefits enjoyed when the firm increases its size and output.

→ Internal economics reduces the production cost if exists & with in a firm due to its own expansion or increase in scale of production.

## classification of internal economics:-

### 1) Technical Economics:-

- Technical Economics can be achieved because of adopting better techniques of production.
- Use of sophisticated machinery.
- Use of new technology for production process.
- They will increase the volume of production & reduces the wastage.

### 2) Managerial Economics:-

- These can be achieved from creating special departments.
- In large scale production managers are required for separate departments.
- Their functional specialization needs to minimize the wastage and optimum use of resource available by that, the cost of the production becomes low.

### 3) Commercial Economics:-

- Commercial economics arise due to bulk purchase of materials, bargaining this can also be achieved from sale of goods.

→ When raw materials and separates are purchased on large quantities there is a huge savings in cost of materials, transportation & storage cost.

#### 4) Financial economics:-

→ Financial economics arise from the fact that a big firm has better credit facility and they can borrow money at more favourable interest rates.

→ By this the company will enjoy wide market -

#### 5) Risk bearing economics:-

→ Risk can be spread by diversifying the output.

→ Diversification of product gives strength & stability to the firms.

→ Large companies can divide its risk by several ways such as insuring the plant, machinery, employees, by producing multiple products, by purchasing of raw materials from different suppliers.

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## 6) Marketing Economics:-

→ A large company can maintain a professional market division for various related activities such as customer surveys, effective advertisement, sales production.

## 7) Research & development economics:-

Large companies can set up and spend money on separate research and development activities in order to introduce new products into the market.

## 2) External Economics:-

→ It refers to the benefit of the firm which are not dependent on size of the firm and also not on the products.

→ As a result of expansion in the industry the firm enjoys following benefits:

1) Availability of new & cheaper raw material.

2) Availability of better machinery.

3) Availability of trained labour.

Availability of credit facilities.

### classification of external economics:-

- 1) Economics of concentration.
- 2) Economics of information and.
- 3) Economics of ~~dis~~ disintegration.

#### 1) Economics of Concentration:

→ Economics of concentration will enjoy by the firm due to availability of skilled labour better transport facilities, credit facilities.

#### 2) Economics of information:-

→ Economics of information refers to the firm by trade journals, advertisements, technical journals and attain technical information from research institutes.

#### 3) Economics of disintegration:

→ When industry expands some process can be given to the other firms.

eg: No. of steel companies & petroleum companies granites [crushing polishing].