

## Index Number

Q:- Why Index Numbers are price numbers?

Ans:- Index Numbers are price numbers because of index number does not have a unit of measurement.

Q:- Why index number are said to be economic barometers?

Ans:- Index numbers are said to be economic barometers because to find the ups and downs in the general economic condition of the country. Indices of prices, output, foreign exchange & reserve, bank deposits etc. ~~are~~ Or the variation in the level of business activity of a country and these indices can be combined into a composite index which could act as an economic barometer. Just as a barometer measure, the atmospheric pressure, index numbers are helpful in measuring the pressure of economic and business behaviour on the economy of the country.

## Index Number

Q:- Why base year change time to time?

Ans:- To make the index ~~the~~ number is more relevant because if we take vary far base or vary own base. The index number will be irrelevant in the sense that the items which are used at a very long ago may not be used the present customer, there may become changes upto valid or preferences of the consumer. Therefore, to become update, to make the index number more proper, the base have to be a change to a new one or to a very short one. In that sense, the base year change time to time.

## Vital Statistics

### Measurement of Mortality

- (i) Crude death rate
- (ii) Specific death rate
- (iii) Standardized death rate

(i) Crude death rate (CDR) :-

Formula :-

$$\text{Crude death rate} = \frac{\text{Total death}}{\text{Total population}} \times 1000$$

Example :- Compute the crude death rate (CDR)

<u>Age Group</u>	<u>Population</u>	<u>Death</u>
0-10	15,000	360
10-20	20,000	400
20-30	10,000	280
30-40	5,000	180
40-50	10,000	100
	<u>total = 60,000</u>	<u>total = 1320</u>

$$\begin{aligned} \therefore \text{CDR} &= \frac{\text{Total death}}{\text{Total Population}} \times 1000 \\ &= \frac{1320}{60,000} \times 1000 \\ &= 22 \end{aligned}$$

~~22~~