

# OPERATING COSTING

OL-1

- Cost per unit for providing service.
- Composite units - ton/km ; pass/km, room/day etc.

$$\text{Cost} \cdot \text{p} \cdot \text{u} = \frac{\text{Total cost / period} / \text{n. items}}{\text{Total units / period} / \text{n items}}$$

$$\text{Total ton km} = \text{No. of trips} \times \text{Vehicles} \times \text{km} \times \text{days} \times \text{tons}$$

1) Absolute/Ord Avg Ton-km:-  $\Sigma$  each sep ton km.

2) Commercial/Simple Avg Ton-km:-  $\Sigma$  total km  $\times$   $\Sigma$  Avg load.  
i.e Total km  $\times$  Avg load.

always use (1) if nothing is mentioned.

• If semivariable cost are given then  $\left\{ \begin{array}{l} \text{Fixed} \\ \text{Variable} \end{array} \right.$  any 1 only.

• Depreciation:- Fixed - life is in years; Variable - life is according to passenger or km or units.

• Petrol, maintenance, dep - ~~fixed~~ variable cost others mostly fixed.

• 1 trip = 2 i.e 1 round trip if nothing is mentioned.