

- Discount is a reduction given on marked price.
- Discount = Marked Price - Sale Price
- Discount can be calculated when discount percentage is given
- Discount = Discount % of Marked Price
- $C P = \text{Buying price} + \text{overhead expenses.}$
- Sales tax is charged on the sale of an item by the government and is added to the Bill Amount.
- Sales Tax =  $T_{ax} \%$  of Bill Amount
- GST stands for Goods and Services Tax and is levied on supply of goods or services or both.
- $A = P + I$

(i) Amount when interest is compounded annually =  $P \left(1 + \frac{R}{100}\right)^n$

(ii) Amount when interest is compounded half yearly

$$= P \left(1 + \frac{R}{200}\right)^{2n} \quad \begin{cases} \frac{R}{2} \text{ is half yearly rate and} \\ 2n = \text{number of half years.} \end{cases}$$