

First Paper : Ch 1

formulas

i) Sum of square = $\sum_{i=1}^n x_i^2$

ii) Square of sum = $\left(\sum_{i=1}^n x_i\right)^2$

iii)

$$u_i = \frac{x_i - a}{c} \quad \left[\begin{array}{l} \text{Here ; } a = \text{origin} \\ c = \text{Scale} \end{array} \right]$$

↳ Scale, c = Common difference
Origin, a = First term - Common difference