- 1. The mean for grouped data can be found by :
 - a. the direct method :

$$\overline{x} = \frac{\sum f_i x_i}{\sum f_i}$$

b. the assumed mean method :

$$\overline{x} = a + \frac{\sum f_i d_i}{\sum f_i}$$

c. the step deviation method :

$$\overline{x} = a + \left(\frac{\sum f_i u_i}{\sum f_i}\right) \times h$$
,

with the assumption that the frequency of a class is centred at its mid-point, called its class mark.

2. The mode for grouped data can be found by using the formula:

Mode =
$$l + \left(\frac{f_1 - f_0}{2f_1 - f_0 - f_2}\right) \times h$$

- 3. The cumulative frequency of a class is the frequency obtained by adding the frequencies of all the classes preceding the given class.
- 4. The median for grouped data is formed by using the formula:

$$Median = l + \left(\frac{\frac{n}{2} - cf}{f}\right) \times h,$$

- 5. Representing a cumulative frequency distribution graphically as a cumulative frequency curve, or an ogive of the less than type and of the more than type.
- 6. The median of grouped data can be obtained graphically as the x-coordinate of the point of intersection of the two ogives for this data.