

FREQUENCY POLYGON

Frequency polygon is drawn after drawing histogram for a given frequency distribution. They are covered under polygon equals area of histogram. The vertices represent the class frequencies. Frequency polygon helps to determine the class with higher frequency. It displays tendency of data.

The following procedure can be followed which drawing polygon.

- (i) Mark the midpoint at top of each vertical bar in the histogram.
- (ii) Connect the midpoints by a line segment.

Example 7 :

Q) The age group of pensioners is mentioned in the table. Draw frequency polygon of the data.

Age	65-70	70-75	75-80	80-85	85-90
No. of Pensioners	38	45	24	10	8

Date :

