**Chapter 1 Visualisation and presenting data – MCQ Student**

1. An alternative expression for qualitative variables is “categorical variables”
2. True
3. False

The correct answer is a.

Support comment:

1. Frequency distribution is another expression for a bar chart
2. True
3. False

The correct answer is b.

Support comment:

1. Ratio scales are like
2. Nominal scales with the brackets
3. Ordinal scales with ratios added
4. Interval scales with a true zero points

The correct answer is c.

Support comment: Ratio scales are like interval scales except they have true zero points. For example, a weight of 100g is twice as much as 50g.

1. The method used to graph a group frequency table is called a pie chart
2. True
3. False

The correct answer is b.

Support comment: Could be any chart.

1. The height of the rectangle in a histogram is proportional to class frequency and class width
2. True
3. False

The correct answer is a.

Support comment: The height of the rectangle in a histogram is proportional to class frequency and class width. This is one of the reasons we use the term frequency density rather than frequency.

1. Frequency distribution is
2. When we show normal distribution plot
3. When the “like” quantities and their frequency of occurrence are presented
4. When we distribute units of measure to match the frequencies

The correct answer is b.

Support comment: Frequency distribution a presentation of data where the 'like' quantities are collected and the frequency of occurrence of the quantities is determined