Health Science Pathway

Data & Statistics Module, Practice Questions - Variables

Please complete the following items

1) Identify the scale of measurement for the following South Australian Police titles: Commander, Assistant Commissioner, Deputy Commissioner, Commissioner
   A Nominal
   B Ordinal
   C Interval
   D Ratio

2) Identify the scale of measurement for grouping people according to their favourite colour.
   A Nominal
   B Ordinal
   C Interval
   D Ratio

3) Identify the scale of measurement for the following: heat measured in degrees Celsius.
   A Nominal
   B Ordinal
   C Interval
   D Ratio

4) City of birth is an example of:
   A Nominal
   B Ordinal
   C Interval
   D Ratio

5) Identify the scale of measurement for the following: heat measured in degrees Kelvin.
   A Nominal
   B Ordinal
   C Interval
   D Ratio

Answers
1) The answer is B. The scale is ordinal. For example the Commissioner is a higher rank than the Deputy Commissioner.
2) The answer is A. The scale is nominal. No particular colour is placed ahead of another.
3) The answer is C. The scale is interval. There are equal intervals between each temperature but there is no true zero point.
4) The answer is A. Nominal.
5) The answer is D. The scale is Ratio. There are equal intervals between each temperature and there is a true zero point.