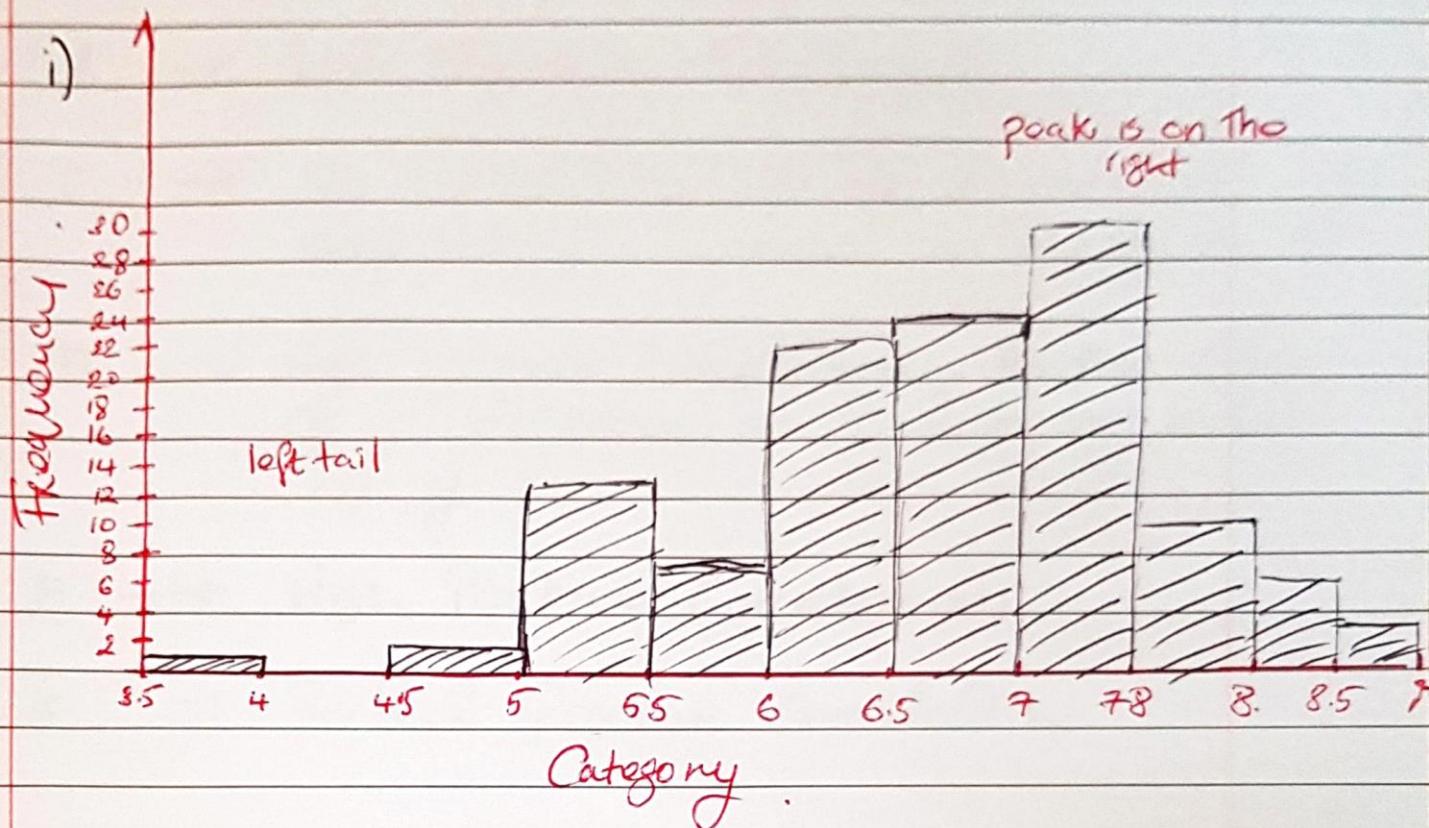


Tutorial 4 - Statistics Part 2.

Section A: Graphs.

Q1 i)

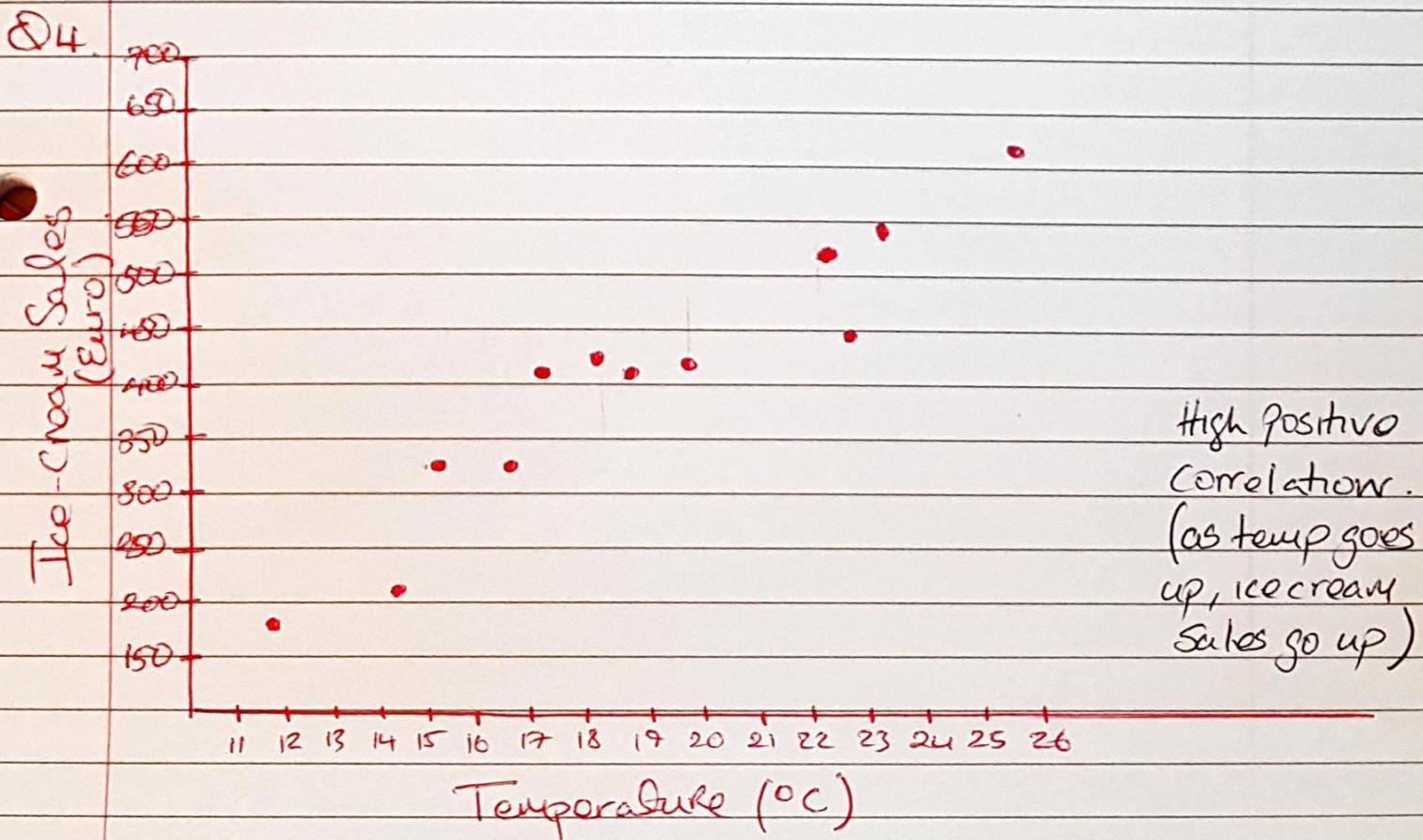


ii) Skewed \rightarrow left skew, peaked to the right and the left tail is 'bigger' than the right tail.

Q2 (p)



- Q3
- A \rightarrow High Negative Correlation. Looking at the values as x increases, y is decreasing.
 - B \rightarrow Low Negative Correlation.
 - C \rightarrow No correlation i.e. as x increases, y ~~neither~~ neither increases or decreases.
 - D \rightarrow ^{Low} High Positive Correlation; As the value of x increases so to does the value of y .
 - E \rightarrow High Positive Correlation.
 - F \rightarrow Perfect Positive Correlation.



Q5 i) Exceptions - points away from the main trend / cluster of points...

i)(xii) points B and D represent exceptions in this dataset. For point B - the price of the computer is lower but the Quality rating is the highest of all computers in the study / data.

For point D - it is the most expensive computer but its quality rating is lower than that of cheaper computers. Both are not following the trend / in the main correlation.

ii) labelled point (B) lower price but highest Quality rating.