**Excel Assignment sample question and sample solution**

The following is a **sample** question for the Excel Assignment. I have included a screenshot of what the solution should look like. You will be expected to present your solutions similar to below: Excel formula/function used to calculate y values from given x values, axis titles included, x and y axis clearly visible, answers to short questions appear on a text box with explanation of how you found them etc

Plot the graph of y = 2sin(3x + 30°) for values of x such that 0 ≤ x ≤ 150° using intervals of 10°.

(i) State the amplitude and period of y = 2sin(3x + 30°)

(ii) Use your graph to solve 2sin(3x + 30°) = 1.2

(iii) Use your graph to find y when x = 25°

(iv) Use your graph to find y when x = 320°?

Graphical user interface, chart, application, Excel

Description automatically generated