



Fig. 1.1

- (i) State the feature of the graph that indicates the presence of systematic error in the experiment.

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..... [1]

- (ii) Calculate the value of C , in SI units, from Fig. 1.1.

value of C = SI base units [3]

- (iii) With reference to Fig. 1.1 and (b)(i), state and explain whether the accuracy of C is affected by the presence of systematic error in the experiment.

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..... [1]