# A LEVEL BIOLOGY A & B



### **Biology A Level 2018 examiner comment summary**



When describing differences, make sure that the language used is precise and that answers are comparative.

	Volume (cm³)		
Time (mins)	Test 1	Test 2	Test 3
1	50.2	30.4	46.7
2	70.6	40.7	67.3

In questions which ask you to 'evaluate', make sure that you quote relevant data to support your answer.

Answer:  $10^8$  ×

Answer:  $I \times IO^8$ 

The idea that standard deviations overlapping a difference in means indicates a lack of significance isn't technically correct.

This shows the results are reliable This shows the results are repeatable This shows the results are reproducible

Anomalous results should only be excluded if there is a clear explanation for why they occured. When giving answers in standard form, they should be given in the conventional format.

1

Use of the term 'reliability' is not encouraged. 'Repeatability', 'confidence' and 'reproducibility' are more appropriate.

#### A Level Biology A & B



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Triangles for gradient calculation should be as large as possible – too small a triangle gives a larger error in the value. Read the scales on graphs carefully and check any reading is correct before using it in subsequent calculations. Underline key instructions when reading the question and refer back to them to ensure all of them have been addressed.

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