

A Level Biology B

H422/01 Fundamentals of biology

Question Set 21

Module 1 Development of practical skills in biology

Multiple Choice Questions

- 1 A study was conducted to compare the effectiveness of two fertilisers, TomatoXL[®] and TomatoGro[®], on the growth of tomato plants.

Twenty plants of similar height were divided randomly into two groups of ten. Each day, one group was fed with TomatoXL[®] and the other group with TomatoGro[®].

After one month, the height of each tomato plant was measured and the results were analysed.

Which of the options, **A** to **D**, would be the appropriate statistical method to determine which fertiliser was the more effective?

- A Chi squared test
- B paired Student's t-test
- C Spearman's rank correlation coefficient
- D unpaired Student's t-test

Your answer

[1]

Total Marks for Question Set 1: 1

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