

## 2021 YEAR 11 AGRICULTURAL SCIENCE WORKSHEET 8

### SHORT ANSWER QUESTIONS

#### INSTRUCTIONS

*Please attempt these question at the back of your Agricultural Science Book.*

- (1) The students conducted a field trial on the effect of spacing on the growth and yield of French beans in the school garden.

The following was obtained from the plant height of 30 French bean plants.

7	6	8	8	9	9	7	6	6	5	4	3	4	8	7	6	8	9			5	5	6	9	7	7	6	6	8	8	9	9
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Calculate the:

- i. Sample mean
- ii. Mode
- iii. Median
- iv. Range
- v. Sample Variance
- vi. Standard Deviation
- vii. Coefficient of variation

**(15 marks)**

- (2) Choose a raw agricultural product which is in glut supply in your locality.  
Discuss one method that can be used to prolong the shelf life and increase its value.

**(5 marks)**