

PENANG SANGAM HIGH SCHOOL

AGRICULTURAL SCIENCE\_YEAR 11

SUPPLEMENTARY LEARNING WORKSHEET #1

**COVID-19 Safety Info.**

*Stay at home if you feel unwell. If you have a fever, cough and difficulty in breathing, seek medical attention. Follow all precautionary measures to protect yourself and others. Break the chain of transmission. STAY SAFE.*

**Reference: Agricultural science textbook for Year 11 & Exercise Book.**

**QUESTION 1: MULTIPLE CHOICES**

1. Ensuring that each plot has an <b>equal</b> chance of receiving a particular mulch treatment when conducting a field experiment in which the variable is the type of mulch applied is known as  A. Randomization. B. Population. C. Replication. D. Deviation	2. Which of the following is <b>correct</b> about pickling?  A. Where sugar is used as the preserving agent B. Brings about chemical changes in food C. Food is soaked in brine or vinegar which causes anaerobic fermentation D. Involves exposing food to a temperature generally exceeding 100 ° C
3. Which of the following is <b>correct</b> about pickling?  A. Where sugar is used as the preserving agent B. Brings about chemical changes in food C. Food is soaked in brine or vinegar which causes anaerobic fermentation D. Involves exposing food to a temperature generally exceeding 100 ° C	4. Imported materials are kept under close supervision in isolated government premises to <b>check</b> for any signs or symptoms of pests, diseases and weed infestation before being released to importers. This <b>procedure</b> is termed as  A. Phytosanitary certificate. B. Post-Entry Quarantine. C. Legislative control. D. Domestic control.
5. <b>Fences found on farms in Fiji are constructed from various materials depending on the intended use of the fence.</b>  The <b>type</b> of fence which uses insulated wire in plastic pipes is known as  A. Wooden fence. B. Chain link fence. C. Electric fence. D. Barbed wire.	

## QUESTION 2: SHORT ANSWERS.

1. Differentiate between **horticultural enterprise** and **livestock enterprise**.

---

---

---

---

2. The following are the heights of **10** recently germinated wheat plants in centimeters (cm).

**5, 6, 6, 7, 7, 8, 8, 9, 10, 10**

Using the information above, Calculate the **mean** and **Mode**.

Mean	Mode

3. Explain **one** reason why milk goes through the process of pasteurization.

---

---

4. “**Biosecurity covers food safety, zoonosis, the introduction of animal and plant diseases and pests**”. Explain what happens to the products which are **prohibited** by the biosecurity authority of Fiji.

---

---

---

5. “**Safeguarding biodiversity is vitally important to Fiji as we are heavily reliant on agriculture and our natural environment**”. Differentiate between **Quarantine** and **Prohibition**.

---

---

---

---

**THE END**