

PENANG SANGAM HIGH SCHOOL

AGRICULTURAL SCIENCE\_YEAR 11

SUPPLEMENTARY LEARNING WORKSHEET

**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 Year 11 and Exercise Book.**

**WEEK 4: 21/06/21 – 25/06/21**

**SECTION A: MATCHING**

1. A farmer may address the problem of waterlogged soil on his farm by  A. installing irrigation facilities. B. forming soil into furrows and ridges. C. mulching the soil surface with leaves. D. applying artificial fertilizing materials.	2. Value adding is suitable for local crops which are  A. expensive to preserve. B. cheap in the offseason. C. abundant in the main season. D. imported throughout the year.	3. Which of the following is a mammal endemic to Fiji?  A. Fiji Tree Frog B. Rotuma Forest Gecko C. Peale's Imperial Pigeon D. Fiji Monkey Faced Fruit Bat
4. A farmer would construct a chain link fence around a vegetable garden to  A. prevent trampling. B. mark the garden boundary. C. minimise damage from wind. D. restrain the neighbours livestock.	5. The building in which cattle are milked is called a milking  A. shed. B. house. C. parlour. D. building.	6. The impacts of rising interest rates on crop and livestock enterprises are examples of  A. market risks. B. financial risks. C. production risks. D. institutional risks.
7. Which of the following is an exotic animal species which has adapted well to living in Fiji?  A. Tilapia B. Wrasse C. Fijian Emperor Butterfly D. Orange Spotted Therapon	8. Which of the follow types of fences would a farmer use to train a bull not to cross a fence line? A. Hedge B. Poultry C. Electric D. Wooden	9. Which of the following is an example of an institutional risk associated with farming? A. Accidents B. Rising interest rates C. Unfavourable weather D. Rules for waste disposal

## **SECTION B: SHORT ANSWER QUESTIONS**

1. State one way in which a school could deal with the challenge of a lack of land for agriculture gardens.
2. Name the process which occurs when raw food is left to soak in brine or vinegar.
3. Explain one effect that cooking has on raw agricultural products.
4. State one reason why Fiji's endemic flora and fauna must be maintained.
5. Explain one reason why the Biosecurity Authority of Fiji would prohibit the movement of dalo from Vanua Levu to Taveuni.
6. Explain one reason why a sheep farmer would construct the gate in the corner of a paddock fence.
7. State one reason why harvested vegetables are stored in sheds which are kept cool and dry.
8. Explain one reason why a bee keeping farm (apiary) would need a honey house.
9. Explain one reason why keeping records is an important part of the farm planning process.
10. State one reason why farmers gather feedback after implementing a decision.

**THE END**