

**Sangam S.K.M College-Nadi**

**Year 11**

**Agricultural Science**

**Worksheet 2**

**Solution**

**WEEK 3**

1. Explain one reason why the Biosecurity Authority of Fiji would **prohibit** the movement of cassava from Viti Levu to Kadavu.  
*Prohibition - the action of forbidding something, especially by law. To avoid the spread of taro beetle (Pest infestation) to Kadavu*
2. A dairy farmer has to fence his farm so that he can hold the various groups of animals separately. Discuss the type of fence he must choose for the above:  
*Once the electric fence is installed correctly and the animal comes in contact with an electrically charged fence wire, it will feel a shock because the electric current will pass through the animal to the ground, thus completing the electrical circuit. The typical electric fence is a psychological barrier in the sense that the animal will touch the electric fence and become "trained" not to go near the fence.*
3. Why do farmers sometimes not interested to use wooden fence for their farms.  
*Needs to be treated and maintained every*
4. Explain why farmers are advised to paint the wooden fence.  
*To avoid decay and increase the strength*
5. Explain why fence that follows creeks beds, hill and tree lines are ideal for construction of farm fence.\**Fences which follow creek beds, hill and tree lines are ideal as they exclude these features from inside the paddock which can make management tasks such as spraying and mustering difficult. Fence off potential flood areas to prevent stock and vehicle*
6. Hedges are sometimes not a good type of fence to choose. Explain why this is so?  
*\* Takes a long time to establish. \* Needs at least yearly trimming. \*Can take moisture & nutrients away from plant borders*
7. Differentiate between financial risk and institutional risk in relation to risk management  
*Financial risk results when the farm business borrows money and creates an obligation to repay debt. Rising interest rates, the prospect of loans being called by lenders, and restricted credit availability are also aspects of financial risk. Institutional risk results from uncertainties surrounding Government actions. Tax laws, regulations for chemical use, rules for animal waste disposal, and the level of price or income support payment.*

8. The table given below shows the various steps involved in effective farm planning. The steps are not in order. Rearrange the steps of farm planning in the correct order.

1.	Put the plan into action.
2.	List alternative activities.
3.	Decide upon the objectives.
4.	Prepare budget for alternative activities.
5.	List available resources.
6.	Choose a planned alternative.

*Steps in order-3,5,2,4,6,1*

8. Decision making is a process of selecting the best from among different enterprises. Explain why farmers need to make informed decisions.

***Is getting correct facts and figure from reliable sources so that good and effective decision that can be made depending on the figures that is used as references.***