

Penang Sangam High School**Year 12 Agriculture****Supplementary Resources - Worksheet 1**

1. Some causes of climate change are natural including changes in the earth's orbit and changing albedo? The term albedo means
 - A. volcanic eruptions
 - B. earths warming acceleration
 - C. the natural changing phenomena of earth
 - D. the reflecting power of any surface of the earth

2. The growth of agriculture in Fiji and other countries was due to
 - A. hunger and starvation
 - B. food security
 - C. increase in population
 - D. high cost of living

3. Which of the following will help to increase the supply of agricultural commodities for export to another country?
 - A. technology and innovations
 - B. improve biosecurity in Fiji
 - C. educate the farmers
 - D. reduce imports to Fiji

4. Agricultural growth contributes directly to
 - A. food security and economic growth
 - B. export and import of products
 - C. employment and development
 - D. improving standard of living

5. The modern agricultural practices have been developed in Fiji to
 - A. reduce greenhouse gas emissions.
 - B. withstand weather extremes
 - C. obtain the highest yield possible
 - D. inbreed so plants are disease resistant.

6. Which of the following will best describe biotechnology?
 - A. Set of tools that use living organisms to make a product for specific uses.
 - B. The use of vaccines to stop the spread of diseases.
 - C. The use of plants to produce antibiotics for human and animal use.
 - D. The use of gene identification to improve the color, smell, size and other features of plant.

7. Discuss the effect of climate change on crop and livestock enterprises.

8. Recommend ways in which these effects can be minimized or controlled.

9. Investigate and list the ways in which GMO's can improve food security.

10. Identify two ways in which farmers can minimize the introduction of zoonosis from humans and other animals.

11. Explain two ways in which zoonotic diseases are transmitted between animals and humans.

12. Explain two risks to food security.

The End