

## GENERAL AGRICULTURE

### WORKSHEET 1 – YEAR 12

NAME: \_\_\_\_\_

Agricultural growth contributes directly to:

- (I) food security,
- (II) supports poverty reduction and
- (III) acts as an engine of overall economic growth in much of the developing world

### POLLUTION

1. What is global agriculture?
2. List 4 factors that determine the effect of pollution on organisms or the environment.
3. How can noise pollution be addressed?
4. What is a **species-specific** biological control agent?
5. Identify one effect of pollution on:
  - (a) Organisms
  - (b) environment

### CLIMATE CHANGE

1. State 4 things that are influenced by climate change.
2. How does climate change influence the type and quantity of agricultural products?
3. How can the problem of **sea encroachment** be addressed?

4. Recommend two ways in which climate change can be combatted.

### **MODERN PRACTICES**

1. State two goals of modern agricultural practices.
2. State 6 principles of modern agricultural practices.
3. Why are stronger crops preferred?
4. Why are antibiotic properties inappropriate in crops?
5. State one disadvantage of new crops in relation to biodiversity.

### **PRODUCTION ISSUES**

1. State three evidences of globalisation of the food system.
2. Explain the 4 dimensions of food security.
3. Name 4 long-term effects of food insecurity.
4. What is food sovereignty and how does it affect food security?
5. Why is food security important?
6. Differentiate between **risks and challenges** of food security.

## **ZOONOSES**

1. NAME 3 zoonotic agents.
2. Name 3 zoonotic diseases.
3. Identify 2 age groups that are susceptible to zoonosis.
4. Why should we not eat uncooked meat?
5. How can people be infected with zoonotic diseases?
6. State 3 impacts of food born diseases.
7. State one importance of insect repellent in preventing zoonosis.
8. Why is zoonosis a problem?