

AGRICULTURE GRADE 9 (FORM 3)

Section A

1. Multiple choice questions:

- (i) Which one is a leguminous crop?
- A maize
 - B tomato
 - C bean
 - D beetroot
- (ii) It is a tool to carry heavy weight on a farm
- A basket
 - B wheelbarrow
 - C scrapper
 - D watering can
- (iii) Growing groundnut in between rows of maize is an example of
- A interline cropping
 - B monoculture
 - C mixed farming
 - D crop rotation
- (iv) Is an example of physical weathering agent
- A carbon dioxide
 - B roots of plants
 - C wind
 - D oxygen
- (v) The gas produced during photosynthesis is
- A oxygen
 - B carbon dioxide
 - C nitrogen
 - D hydrogen

(vi) Chemicals should be sprayed on crops on

- A windy days
- B cloudy days
- C rainy days
- D sunny days

(vii) The percentage of water in a soil constituent is

- A 45 %
- B 10 %
- C 25 %
- D 50 %

(viii) Which one is an example of a biological weathering agent ?

- A oxidation
- B frost
- C wind
- D termites

(ix) Proper field hygiene to reduce pest attack is a control .

- A cultural
- B biological
- C physical
- D chemical

(x) It is the disease transported by *vectors* from infected plants to healthy plants .

- A bacterium
- B fungus
- C virus
- D mealy bug

Section B

2. a. Define (i) crops
(ii) livestock

b. Describe some ways how agriculture helps in the development of a country .

3. a. Define weathering.

b. Describe how

- (i) changes in air temperature
(ii) roots of crops
affect weathering.

4. a. Name 3 pathogens which cause diseases of crops.

b. State 2 disadvantages of using chemicals to control crop diseases.

c. Describe two methods to control crop diseases other than using chemicals .

5. a. List the 3 particles of soil.

b. A crumb is the best soil structure for crop growth. Give 3 reasons why it is so.