

BA SANGAM COLLEGE
YEAR 10
AGRICULTURAL SCIENCE
WORKSHEET 5

Multiple Choice Questions

1. The farm implement that could be drawn both by animal and tractor is the
 - A. Mould board plough.
 - B. Disc harrow.
 - C. Disc plough.
 - D. Rotovator.

2. The blades of the disc harrow are scalloped to assist with
 - A. Mixing soil.
 - B. Forming drains.
 - C. Collecting debris.
 - D. Cutting up plant remains.

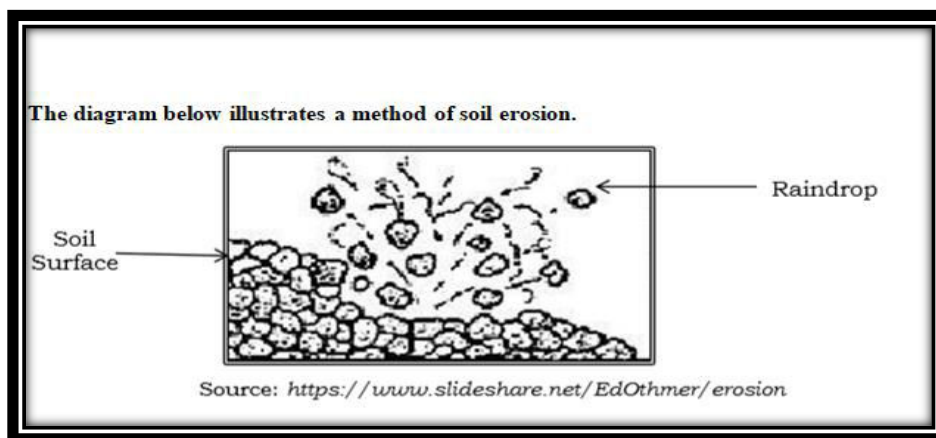
3. The first step that the farmer undertakes after securing a market and deciding on the enterprise for the farm is to
 - A. Buy the inputs needed.
 - B. Collect three quotations.
 - C. Prepare a list of inputs needed.
 - D. Prepare a budget for the inputs needed.

4. A formal statement of promise by potential suppliers to supply the goods or services required by a buyer, at specified prices, and within a specified period is a
 - A. Diary.
 - B. Budget.
 - C. Quotation.
 - D. Inventory.

5. Which of the following documents helps a farmer determine the successfulness of the farming enterprise?
 - A. Diary
 - B. Inventory
 - C. Schedule of work
 - D. Profit and loss account

Short Answer Questions

- a. State **two** advantages of organic farming.
- b. State **two** advantages of the Integrated Pest Management (IPM) system.
- c. Classify the following pest control methods as physical or chemical.
 1. Hand picking: _____
 2. Soil fumigant: _____
 3. Systemic insecticide: _____
 4. Erecting barriers: _____
- d. Define the following terms.
 - (i) Soil conservation
 - (ii) Layering :
- e. State **one** importance of staking in the management of tomatoes.
- f. A researcher at Koronivia Research Station planted 200 long bean seeds and 180 germinated.
Calculate the germination percentage for the seeds.



- g. Identify the type of soil erosion illustrated above?
- h. List two agents of soil erosion.

A group of students decided to sow cucumber seeds in a plot.

Size of plot	= 30000cm ²
Number of seeds per planting drill	= 1
Spacing	= 30cm x 10cm

- i. Calculate the number of viable seeds that the students would need.