

JUNIOR SCHOOL

QUESTIONS

Agriculture

1. What is soil conservation?
soil conservation refers to the protection and management of soil resources to prevent their degradation and promote sustainable land use practices.
2. Identify the primary threats to soil conservation
 - a) *Chemical contamination*
 - b) *Slash and burn*
 - c) *Land overuse,*
 - d) *Overgrazing, etc.*
3. Why is soil conservation a important?
 - a) Preserving Agricultural Productivity:
 - b) Protecting Ecosystems and Biodiversity:
 - c) Water Quality and Quantity:
 - d) Climate Change Mitigation
 - e) Mitigating Soil Erosion:
4. State effective methods and techniques for soil conservation.
 - a) Grass water ways
 - b) Stone lines

- c) Trash lines
- d) Bunds
- e) Crop rotation
- f) Contour Plowing:
- g) Terracing:
- h) Windbreaks:
- i) Strip Cropping:
- j) Conservation Tillage:
- k) **Cover Crops:**
- l) **Mulching:**
- m) **Conservation Buffer Strips**

5. Identify the following soil conservation npractices



Contour Ploughing



Terracing

6. Name the following agricultural practice for conserving water.



Mulching

7. Name five **Benefits of Soil Conservation**

- a) Sustaining Agricultural Productivity: Preventing Soil Erosion:

- b) Enhancing Water Quality: Mitigating Climate Change:
- c) Conserving Biodiversity and Ecosystems:
- d) Improves soil quality and productivity
- e) Optimizes water infiltration.
- f) Provides food and shelter

8. State four techniques to apply in water harvesting for farming.

- a) Shallow Water Pans
- b) Water Ponds
- c) Water Tanks
- d) Sand Dams
- e) Grey Water Recycling
- f) Contour Trenching
- g) Fog Harvesting
- h) Gutter Installation

9. Identify the following water harvesting techniques



Contour Trenching



Water Ponds



Fog Harvesting

10. Define

Square foot gardening is the practice of dividing the growing area into small square sections, typically 1 foot (30 cm) on a side, hence the name.

11. Name the following pest



Rat



aphid



cut worm

12. Name two Vegetables attacked by pests

- a) Kale
- b) Spinach...
- c) Tomatoes
- d) Onions ...
- e) Carrots ...
- f) etc

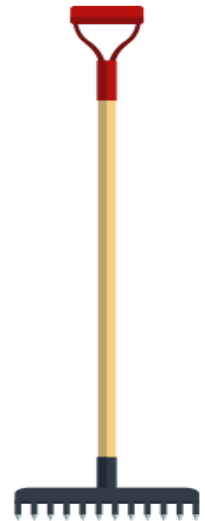
13. Identify the farming tools below



Spade



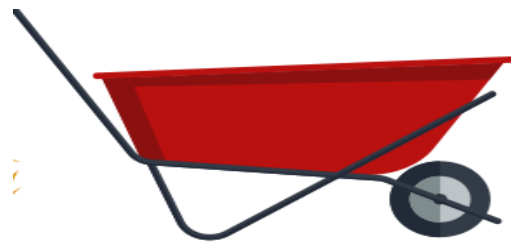
Watering can



Rake



Pair of gloves



Wheelbarrow