Sub-strand 1.2: Constructing Water Retention Structures

Question Number	Question	Answer	Explanation
1	What is the primary purpose of constructing water retention structures in gardening?	C) To conserve surface run-off for later use	The main goal of building these structures is to collect and hold rainwater that would otherwise run off the land. This conserved water can then be used to irrigate plants during dry periods.
2	During a farm visit, Oscar saw the following water retention structure.	D) Retention pit	
3	Which of the following is an example of a water retention structure?	B) A water retention ditch	A **water retention ditch** is specifically designed to capture and hold water. The other options are not primarily used for this purpose; a raised garden bed is for planting, a concrete path is a walkway, and a garden hose is for distributing water.
4	Surface run-off refers to:	B) Water flowing over the land surface after rainfall	Surface run-off is the flow of excess water over the ground's surface when the soil is saturated or when the rate of rainfall exceeds the rate of water infiltration into the soil.
5	Conserving surface run-off for gardening purposes primarily aims to:	A) Reduce the need for irrigation	By collecting rainwater, gardeners can decrease their reliance on external water sources like municipal water or wells, which **saves water and reduces costs**.
6	Which crop would be suitable to establish near a water retention structure due to its water requirements?	B) Sugarcane	**Sugarcane** requires a significant amount of water to grow properly. Planting it near a water retention structure would ensure a consistent supply of moisture, which is beneficial for this water-demanding crop. **Cactus** needs very little water, while **millet** and **sorghum** are generally