

Question 28 (10 marks)

Storing water dams
drip irrigation water tanks
less water bores

- (a) Explain a strategy that farmers use to manage the sustainability of water resources for agricultural production. 3

A strategy used by farmers to manage sustainability of water resources for agricultural production is storing water in great quantities to prepare for drought and later use. They do this by storing it in large dams/water catchments. Also the implementation of water tanks around the home.

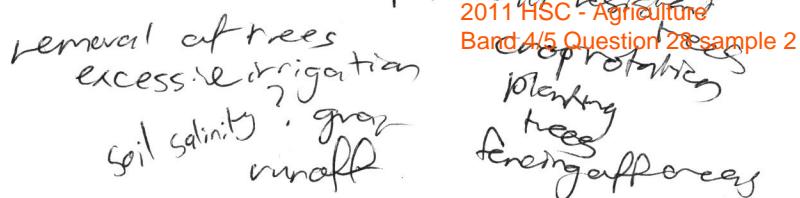
to store it and in bore artesian water holes (bores)

By doing this it helps to sustain enough water in case restrictions are put in place or drought occurs and

so they can **Question 28 continues on page 22** continue to sustain their agricultural production.

Question 28 (continued)

- (b) For a soil degradation problem, explain farm management practices that have contributed to the problem and a procedure that can be used to alleviate the problem. 7



A problem of soil degradation is salinity.

A soil degradation problem is salinity.

Farm Management practices have greatly contributed to this problem. The removal of trees to make pastures for crops has caused an excessive

~~rise~~ rise in the water table due to no roots ^{so it rises} being taken out into the atmosphere to keep

it down. With this increase ~~comes~~ ^{the salt} rises to the top causing

Salinity. Overgrazing of animals also contributes as they take away vital plants when eating

that help combat salinity. Physical and chemical weathering contribute as well as they breakdown and take away ^{important} plants. Excessive irrigation

takes away soil nutrients and runoff

from this as well which all cause the ^{soil} problem

soil degradation problem of salinity. ~~At~~ ^{is} a procedure that is used to

alleviate ~~on~~ this problem and that is highly effective is the planting of trees in affected areas. This helps by the roots taking the water in and putting it into the atmosphere,

helping to lower the water table and the salt.

End of Question 28