3

Question 28 (10 marks)

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

I Shakez Parmers use to manage Sustainable water resources to the use of more effective water deployment devices (sprintles and sprayers). These sprayers and and sprayers and and so directly to the roots so less water evaporates and more woter is used by the plant, his saving watern associable mamor.

Question 28 continues on page 22

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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. Over-cropping a field is sometimed to the problem. | |
| | problem. Over-cropping affeld is issue may can lead to | α |
| | The base of a son decredation | |
| 15 | The base of such as Soil decredation problem that can lead to erosion and | |
| | making in soil unusable for agriculture and | |
| | also turm 11 ecosytem To avoid his farmers | |
| | use the farm management practice of crop | |
| | Potation to give the soil a break and regain | |
| | newments lossed dury the planting of crops | |
| | Such as Wheat and Barten In Crop rotation | |
| | after each howest or humans the next crop | |
| | planted is a legume which aids in the planting | |
| | 11th Totalion process and puts esential nilvoyen | |
| | back not the soil. This mingen will allow | |
| | for the next crop to gown to its full potential with | |
| | mnimal damage to the soil. The planting of algune | |
| | also mans that la fam can still make as | |
| | income with minimal damage to theorement | |
| | and in a more Sustamable long from way. | |
| | J | |
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End of Question 28