

- Removal of vegetation also by erosion ✓✓

Negative effects

- Loss of life stock. ✓✓
- Damage to crops. ✓✓
- Damage to infrastructure such as roads, bridges and electricity supplies. ✓✓
- Loss of life ✓✓
- Outbreak of water-borne diseases such as Cholera and Typhoid ✓✓
- Fertile soil is washed away ✓✓

**[MUST MENTION BOTH CAUSES AND NEGATIVE EFFECTS]
[ACCEPT OTHER LOGICAL ANSWERS]**

(4x2)(8)

[15]**QUESTION 8: WATER MANAGEMENT**

8.1 Irrigation and forestry ✓✓

(1x2)(2)

8.2 Rainfall is low and unreliable in South Africa ✓✓

(2x2)(4)

High evaporation rates ✓✓

Incorrect irrigation methods ✓✓

Population growth ✓✓

More people to feed ✓✓

[ANY TWO]**[ACCEPT OTHER LOGICAL ANSWERS]**

8.3 28.6% ✓✓

(1x2)(2)

8.4

- Building of dams to store water in non-rainy season ✓✓

(3x2)(6)

- Reducing evaporation rates from dams ✓✓

- Water transfer schemes e.g. Lesotho Highlands ✓✓

- Proper water /drainage management ✓✓

- Surveys to find underground water ✓✓

- Water awareness programmes including all stake holders ✓✓

- Create a culture of water conservation ✓✓

- Roof top harvesting ✓✓

- Scientific farming methods ✓✓

[ANY THREE]**[ACCEPT OTHER LOGICAL ANSWERS]****[14]****SUBTOTAL B: 60****SECTION C: MAPWORK****QUESTION 9: MULTIPLE CHOICE**

9.1 B ✓

9.2 C ✓

9.3 D ✓

9.4 A ✓

9.5 A ✓

(5x1)(5)

[5]**QUESTION 10: CALCULATIONS**

10.1.1 MD given for 2018 : 19°57'W

(5x1)(5)

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