**Drought SDME**

1. Use resource 1 in the resource booklet.

a) Describe the distribution of drought areas across the world [2]

b) Explain one physical and one human cause of drought [4]

2. Use resource 2 in the resource booklet. Identify TWO main causes of drought and give reasons for your choice. [4]

3. Use resource 3 in the resource booklet. “Drought affects LEDC’s more than MEDC’s” using the photos provided do you agree with this statement? [6]

4. Using resource 4. Explain the similarities and differences between the drought in Australia and Ethiopia. [4]

5. Using Resource 5, select **TWO** of the drought response methods and explain why you consider them to be the most sustainable options. [4]

6. Use **Resources 6, 7, 8 & 9** in the Resource Booklet and your own knowledge. California suffers from drought on a regular basis. This is creating many problems for the stakeholders in California.

The state of California needs to find a sustainable solution to the problems caused by these regular droughts.

There are **four** possible options to choose from:

**Option 1**

Build more water storage reservoirs and recharge basins in order to store more water for times when rainfall is lower.

**Option 2**

Reduce the allocations of water for the stakeholders in California – farmers, golf courses, industries, home owners.

**Option 3**

Develop new desalinisation plants along the coast to provide more fresh water.

**Option 4**

Introduce strict drought regulations including hosepipe bans, filling of swimming pools, washing cars, sprinklers etc.

**Task**

Choose **one** of the above options.

• Give **two** reasons to explain why you think this would be the best option to provide California with a sustainable solution to its drought problems.

• State your reasons for not choosing each of the other **three** options.

• Explain why your choice might not please everyone in California.

• Explain why some stakeholders might prefer a different option.

[16 marks]