

QUESTION 4

4 (a) Study Fig. 6, a map of hot deserts.

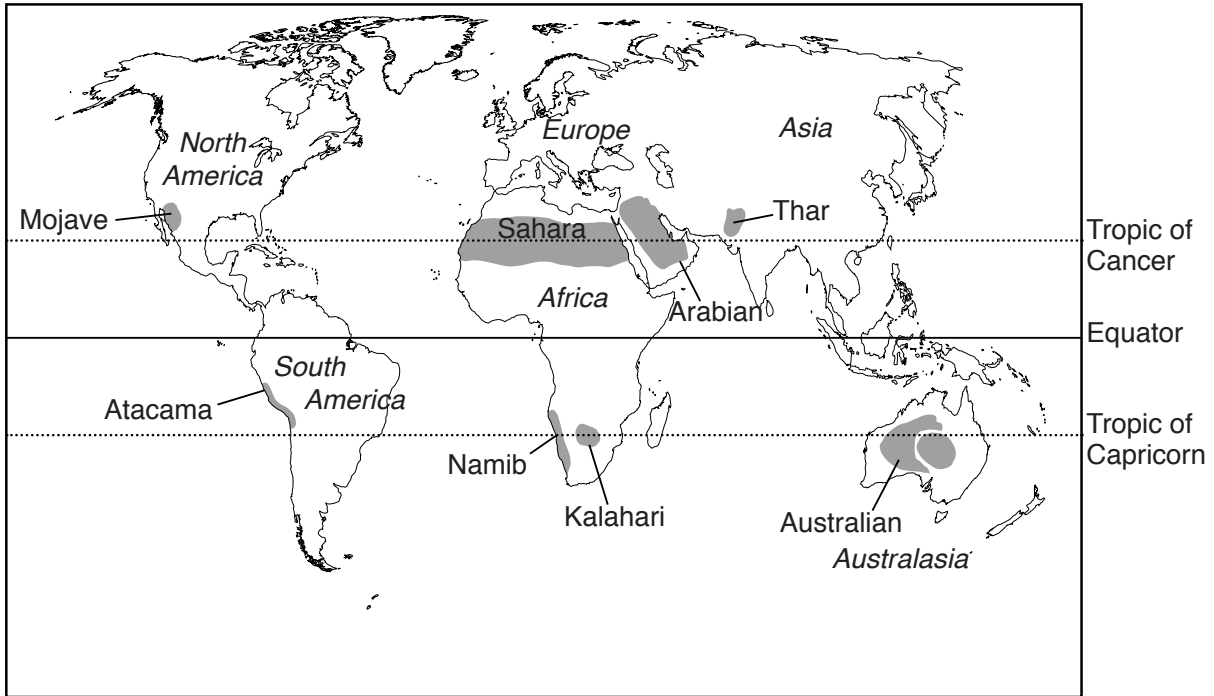


Fig. 6

(i) Tick the statement which best describes the climate of a hot desert.

Climate	Tick (✓)
annual average rainfall is 250 mm or less	
temperatures are always above 30 °C	
temperatures never change during the year	
it never rains	

[1]

(ii) Name the desert which is located:

– across northern Africa;

– along the western coast of South America.[2]

(iii) Explain why deserts have a high diurnal (daily) range of temperature.

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(iv) Explain how vegetation is adapted to survive in a hot desert.

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(b) Study Fig. 7, which shows areas in the Australian Desert.

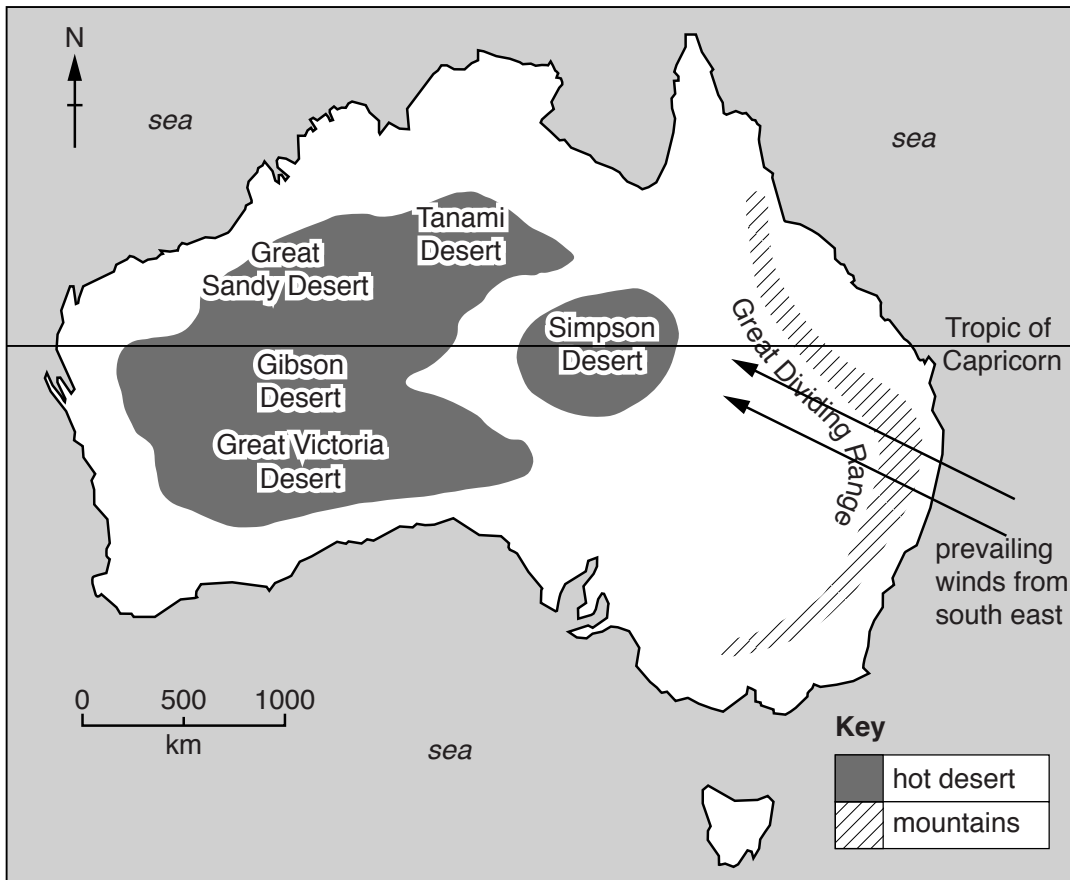


Fig. 7

(i) Suggest reasons why temperatures are high, especially in December and January, in the deserts shown in Fig. 7.

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(ii) Using evidence from Fig. 7, explain why the deserts shown do not receive much rainfall.

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