# 2.7 Hot Deserts: 10-minute Pack

AQA 8035 · Calculator allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

**Answer ALL questions. Show all your working.**

**1** Describe the global distribution (location) of hot deserts.

**(Total for Question 1 is 3 marks)**

**2** Hot desert environments can provide opportunities for economic development.

**(a)** Describe one opportunity for mineral extraction or energy generation in hot desert areas. **(2)**

**(b)** Describe one opportunity for farming in hot desert areas. **(2)**

**(c)** Describe one opportunity for tourism in hot desert areas. **(2)**

**(Total for Question 2 is 6 marks)**


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# Mark scheme · 2.7 Hot Deserts: 10-minute Pack

## Question 1

most hot deserts are found roughly 15 to 30 degrees north and south of the equator, oe **B1**

they are linked to belts of descending, high-pressure air, which brings clear skies and very little rainfall, oe **B1**

named example(s) of location, e.g. the Sahara Desert (North Africa), the Thar Desert (India/Pakistan), the Sonoran Desert (south-west USA/Mexico), oe **B1**

**Answer: Hot deserts are found mainly in bands roughly 15 to 30 degrees north and south of the equator, where descending high-pressure air gives clear skies and very low rainfall, for example the Sahara and Thar deserts.**

## Question 2

(a) opportunity named, e.g. mineral extraction (such as gypsum, limestone or metal ores) OR renewable energy generation (solar or wind power), oe **B1**

(a) linked detail, e.g. hot deserts often have clear skies and intense, reliable sunshine, which is ideal for large-scale solar power generation, oe **B1**

**(a) Answer: For example, hot deserts have clear skies and intense sunshine, making them well suited to large-scale solar power generation.**

(b) farming can take place where water is brought in through irrigation, e.g. using a canal or borehole, oe **B1**

(b) this can allow crops to be grown that would not otherwise survive the dry climate, supporting local food supply and income, oe **B1**

**(b) Answer: Irrigation, for example using a canal to bring in water, can allow crops to be grown in areas that would otherwise be too dry to farm.**

(c) tourists are attracted to the distinctive desert landscape, e.g. sand dunes, rock formations or wildlife, oe **B1**

(c) tourism can create jobs and income for local people, e.g. as guides, or through hotels and desert safaris, oe **B1**

**(c) Answer: The distinctive desert landscape (such as sand dunes) attracts tourists, creating jobs and income for local people, for example as guides or in hotels.**


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