7.8 Food Security Case Study: Almeria's Greenhouse Agriculture: 10-minute Pack

AQA 8035 · Calculators not allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 State the region and country where Almeria's intensive greenhouse agriculture is located.

(Total for Question 1 is 1 mark)

2 State the local nickname used for the large area of plastic-covered greenhouses around Almeria.

(Total for Question 2 is 1 mark)

3 State ONE visual or landscape impact caused by the sea of plastic around Almeria.

(Total for Question 3 is 1 mark)

4 State ONE way that greenhouse production in Almeria helps UK consumers.

(Total for Question 4 is 1 mark)

© Revision Library | revisionlibrary.co.uk

5 Give ONE typical vegetable crop grown year-round in Almeria's greenhouses.

.....

(Total for Question 5 is 1 mark)

---

6 The table below shows fictional export volumes (in thousand tonnes) of vegetables from the Almeria greenhouse area to international markets in three selected years. Use the table to answer parts a to c.

Year	Export volume (thousand tonnes)
2010	820
2015	1,050
2020	1,260

(a) Calculate the increase in export volume from 2010 to 2020 using the table given. **(1)**

.....

(b) Calculate the percentage increase in exports from 2010 to 2020, to one decimal place. **(2)**

.....

(c) Describe the pattern shown by the export volumes between 2010 and 2020. **(1)**

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(Total for Question 6 is 4 marks)

© Revision Library | revisionlibrary.co.uk

Mark scheme · 7.8 Food Security Case Study: Almeria's Greenhouse Agriculture: 10-minute Pack

Question 1

Almeria, Andalusia, Spain **B1**

Answer: Almeria, in Andalusia, southern Spain.

Question 2

the 'sea of plastic' (la mar de plastico) or sea of plastic **B1**

Answer: The 'sea of plastic'.

Question 3

large areas covered in white plastic changing the natural coastal and rural landscape **B1**

Answer: Large tracts of countryside covered in white plastic that alter the natural landscape.

Question 4

provides a supply of fresh vegetables out of season in the UK **B1**

Answer: It provides fresh vegetables to the UK year-round, including out-of-season produce.

Question 5

e.g. tomatoes, peppers, cucumbers, or courgettes **B1**

Answer: Tomatoes.

Question 6

(a) 1,260 - 820 seen **M1**

(a) Answer: 440 thousand tonnes.

(b) 440 / 820 seen or equivalent **M1**

(b) 53.7% cao **A1**

(b) Answer: 53.7%.

(c) exports increased steadily from 820 thousand tonnes in 2010 to 1,260 thousand tonnes in 2020 **B1**

(c) Answer: Export volumes increased steadily between 2010 and 2020, rising from 820 to 1,260 thousand tonnes.

© Revision Library | revisionlibrary.co.uk