

Candidate Name

Centre Number

Candidate
Number

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**OXFORD CAMBRIDGE AND RSA EXAMINATIONS****General Certificate of Secondary Education****GEOGRAPHY SPECIFICATION A****1986/3****PAPER 3 FOUNDATION TIER**

Wednesday

15 JUNE 2005

Afternoon

1 hour

Candidates answer on the question paper.

Additional materials:

Map Extract (1986/3&4/M)	} inserted
Photograph Sheet (1986/3&4/P)	

TIME 1 hour**INSTRUCTIONS TO CANDIDATES**

Write your name, Centre number and candidate number in the spaces at the top of this page.

Answer **all** questions.

Write your answers in the spaces provided on the question paper.

INFORMATION FOR CANDIDATES

The number of marks is given in brackets [] at the end of each question or part question.

You will be awarded marks for the quality of written communication.

Additional answer space is available on the lines at the back of this book. Answers on these lines **must** be clearly numbered.

FOR EXAMINER'S USE	
Question 1	
Question 2	
Sub-Total	
QWC	
TOTAL	

This question paper consists of 7 printed pages, one blank page, a photograph sheet and OS map.

1 (a) Study Fig. 1(a).

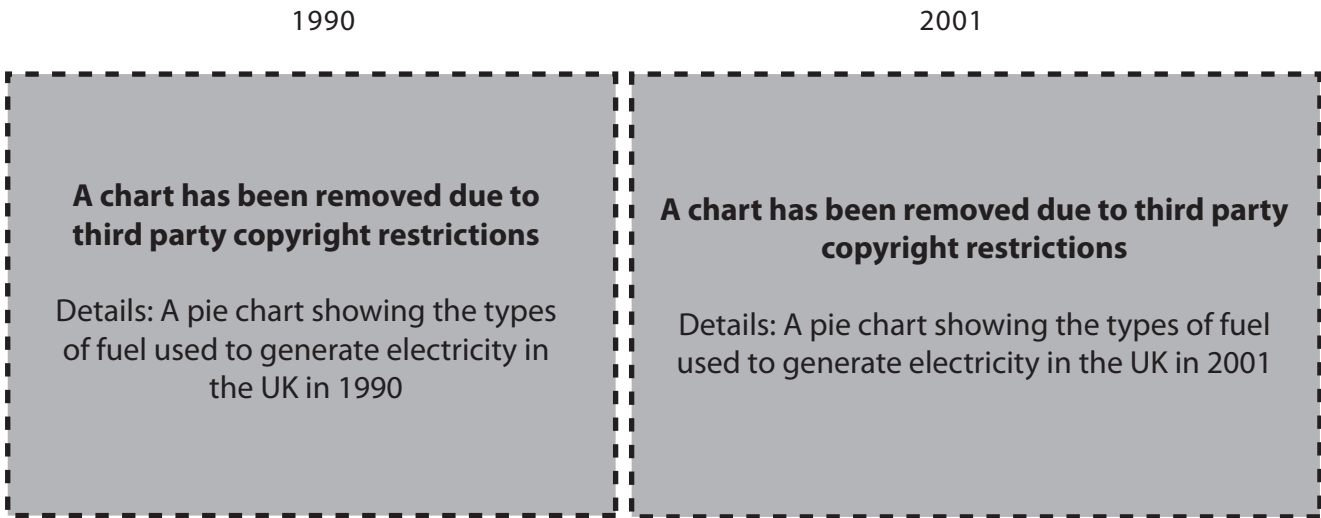


Fig. 1(a) Types of fuel used to generate electricity in the UK.

(i) Use the information below to complete Fig. 1(a).

Type of fuel used to generate electricity in 1990

Coal	67%
Nuclear	23%

[2]

(ii) In 2001, what percentage of the electricity used in the UK was generated by Alternative Fuels?

_____ %

[1]

(iii) Use information from Fig. 1(a) to complete the table below. The table puts the three main types of fuel used to generate electricity in rank order.

Rank order	1990	Rank order	2001
1	Coal	1	
2	Nuclear	2	
3	Oil	3	

[2]

- (b) Study Fig. 1(b) and the OS map extract (1:25 000) of the area around Cemaes Bay.

An image has been removed due to third party copyright restrictions

Details: A sketch map of the area of the OS map

Fig. 1(b) Sketch map of area of OS map

- | | | |
|---|-----|--------------------------|
| (i) Give the 4 figure reference of the wind farm shown in Fig. 1(b). | [1] | For
Examiner's
Use |
| <p>_____</p> | | |
| (ii) Name settlement X. | [1] | |
| <p>_____</p> | | |
| (iii) On Fig. 1(b), | | |
| <ul style="list-style-type: none"> – shade and label an area of sandy beach. – complete the route of the A5025 main road. | [2] | |

(c) Study Photograph A, on the Photograph Sheet.

(i) Describe the appearance of these wind generators.

[2]

Look again at the OS map extract. Photograph A was taken from grid reference 373927 and shows the wind generators in grid square 3792.

(ii) In what compass direction was the camera pointing?

[1]

(iii) Describe the site of these wind generators.

[2]

(iv) Use evidence from the OS map and Photograph A to suggest reasons for the location of these wind generators.

[5]

[Total : 19]

- 2 (a) Study Photograph B on the Photograph Sheet, together with the OS map extract.

Photograph B was also taken from grid reference 373927. The camera was pointing north west. It shows Wylfa nuclear power station.

- (i) Which one of the following is the correct 6 figure grid reference for a location in Wylfa nuclear power station? Put a circle round your answer.

358945 347931 359939 353938 [1]

- (ii) Measure the distance in kilometres from where the photograph was taken to the power station. Put a circle round your answer.

1.5 km 2.5 km 3.5 km 4.5 km [1]

- (iii) How does the power station affect the view from the houses shown in Photograph B? Explain your answer.

[3]

- (iv) Even though the power station is there, tourists visit the area. Use map evidence to identify **three** different tourist attractions.

1 _____

2 _____

3 _____ [3]

- (v) Tick the **two** statements below which describe the location of Wylfa nuclear power station.

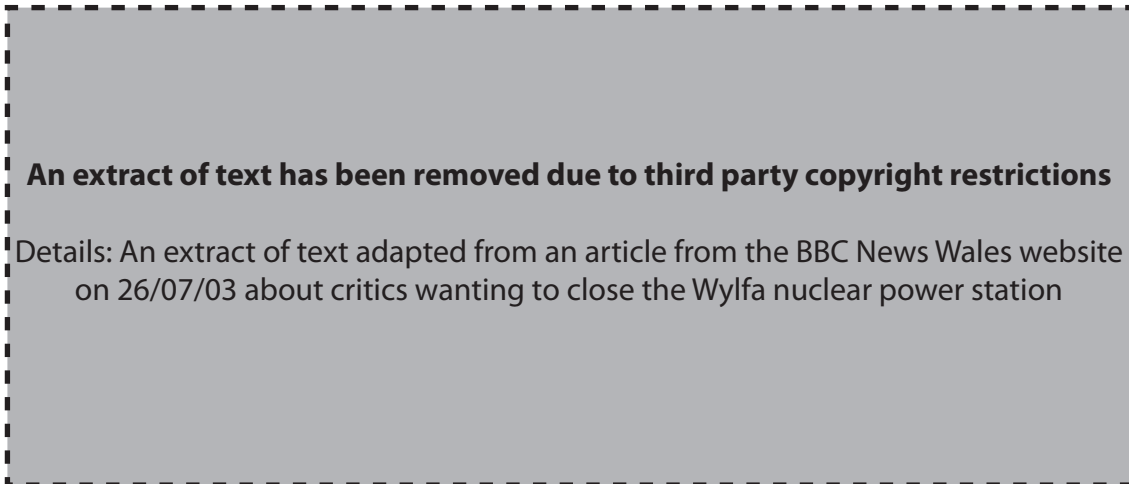
- on a gently sloping headland.
- on steeply sloping mountainous land.
- close to a motorway.
- on a large sandy bay.
- two kilometres to the west of Cemaes. [2]

(vi) Suggest reasons why Wylfa nuclear power station was built at this location.

[4]

(b) Study Fig. 2.

Fig. 2 Article adapted from the BBC News Wales website Saturday, 26 July 2003



Why are some people in favour and some people against the generation of electricity in nuclear power stations?

You should consider national and global issues.

[5]

[Total : 19]

If you use the following lines to complete the answer to any question, the question number MUST be clearly shown.
