

Candidate Name

Centre Number

Candidate
Number

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**OXFORD CAMBRIDGE AND RSA EXAMINATIONS****General Certificate of Secondary Education****GEOGRAPHY SPECIFICATION A****1986/4****PAPER 4 HIGHER TIER**

Wednesday

15 JUNE 2005

Afternoon

1 hour

Candidates answer on the question paper.

Additional materials:

Map Extract (1986/3&4/M)

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

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).

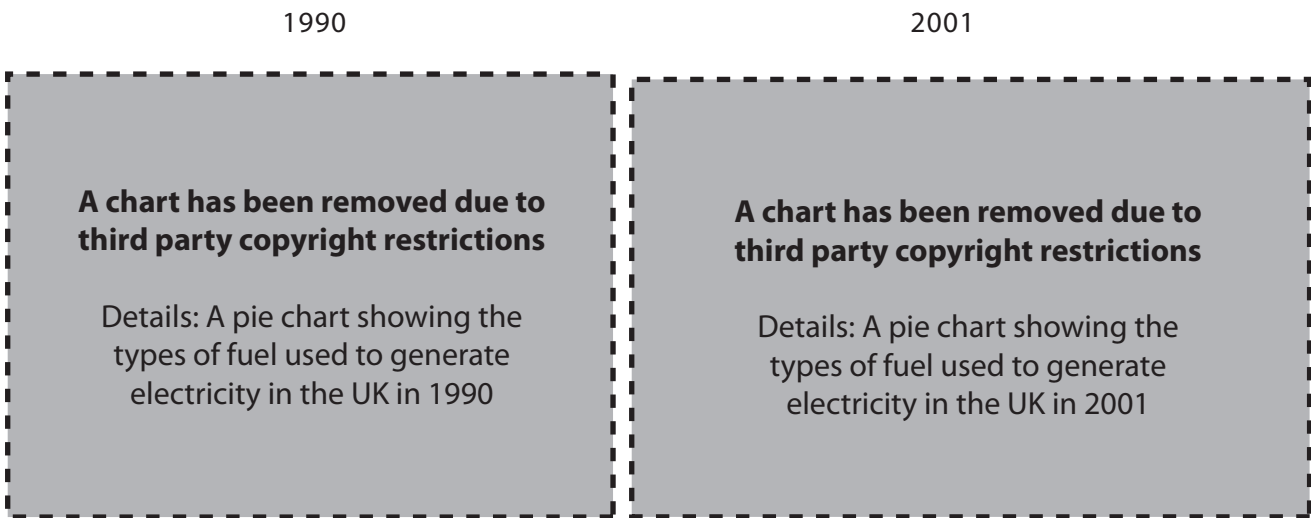


Fig. 1(a) Types of fuel used to generate electricity in the UK.

Identify four main changes in electricity generation between 1990 and 2001.

- 1 _____

 - 2 _____

 - 3 _____

 - 4 _____

- [4]

(b) Study Fig. 1(b).



Fig. 1(b) Distribution of some wind farms in England and Wales

- (i) Name a wind farm in England where the average wind speed is between six and seven metres per second.

_____ [1]

- (ii) What is the average wind speed at Rhyd-y-groes?

_____ metres per second

[1]

(iii) Describe and explain the distribution of wind farms shown in Fig. 1(b). You should include evidence from Fig. 1(b) in your answer.

[6]

(c) Study Photograph A on the Photograph Sheet along with the OS map extract (1:25 000) of the area around Cemaes Bay.

Photograph A, which was taken from grid reference 373927, shows a group of wind generators.

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

[1]

(ii) Some local people think that the wind generators, shown in Photograph A, damage the natural environment. To what extent do you agree with them? Develop your ideas.

[6]

[Total :19]

[Turn over

2 (a) Study Photograph C on the Photograph Sheet which shows Wylfa nuclear power station.

(i) Describe the appearance of the power station buildings.

[2]

(ii) Describe the **site** of the power station.

[2]

(b) Look again at the OS map extract.

(i) Describe the **location** of Wylfa nuclear power station which is in grid squares 3593 and 3594.

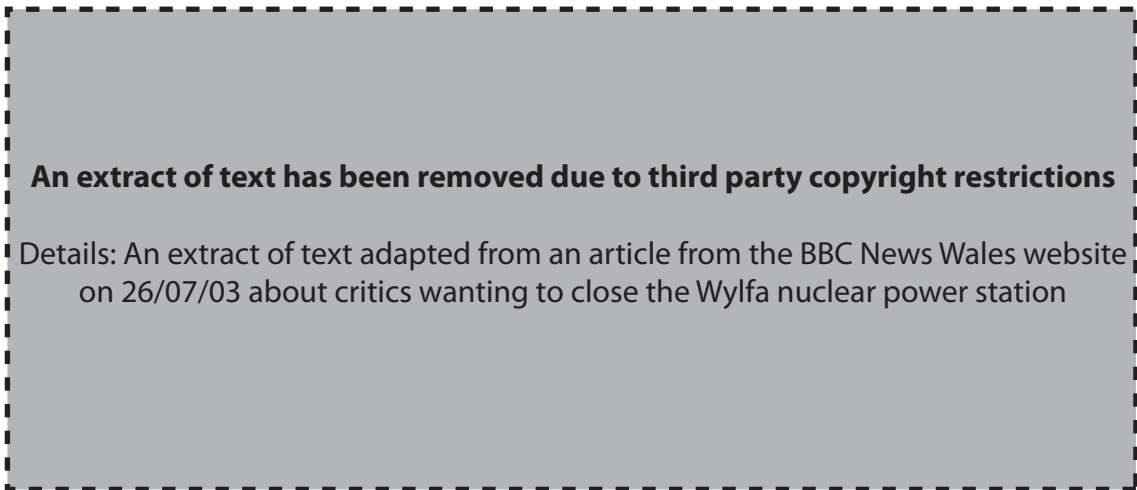
[4]

(ii) Suggest reasons why Wylfa nuclear power station was built at this place. You should include evidence from the OS map in your answer.

[5]

(c) 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.

[6]

[Total : 19]

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

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