

Please write clearly in block capitals.	
Centre number	Candidate number
Surname	
Forename(s)	
Candidate signature	

A-level **GEOGRAPHY**

Unit 4B Geographical Issue Evaluation

Thursday 16 June 2016

Morning

Time allowed: 1 hour 30 minutes

Materials

For this paper you must have:

• the Advance Information Booklet and the Ordnance Survey map extract (previously despatched) You may use a calculator.

Instructions

- Use black ink or black ball-point pen. Use pencil only for drawing.
- Fill in the boxes at the top of this page.
- Answer all questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.
- Figures and page numbers pre-fixed **P** are to be found in the Advance Information Booklet.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 60.
- You will be marked on your ability to
 - use good English
 - organise information clearly
 - use specialist vocabulary where appropriate.

Advice

- Where appropriate, credit will be given for the use of diagrams to illustrate answers and where reference is made to your personal investigative work.
- You are advised to allocate your time carefully.



	Answer all questions in the spaces provided.	
1	Discuss the issues facing the electricity generation industry in the period up to 2030. [12 marks]]
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Turn over for the next question



2	The British Geological Survey suggested that up to 64.6 trillion cubic metres (tcm) of gas might be found in the Bowland-Hodder Shales. (See Item 3 of the Advance Information Booklet.)
	Explain why only a fraction of this gas might be available for extraction and use. [8 marks]
	
	Extra space







3	(a)	Cuadrilla wants to drill an exploration well at Roseacre Wood. By 2015, these plans had not been approved in the planning process.
		Discuss how Cuadrilla's plans were designed to minimise risks to the local population and environment whilst bringing benefits to the local area and to the country as a whole.
		[15 marks]
		-



Question 3 continues on the next page



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3	(b)	In relation to the concerns set out in Item 6 , discuss how the regulation of fracking
	(-)	could be improved.
		[10 marks]
		[10 marko]



Extra space		

Turn over for the next question





4	You are planning to carry out a piece of fieldwork to survey local opinion in an area where a company is planning to explore for shale gas. The company plans to drill wells to assess the potential for commercial production of gas by fracking the shale.
	State a hypothesis that you would use as the basis of your study.
	Outline and justify the method that you would use to collect people's opinions on the company's plans.
	[15 marks]
	



Question 4 con	tinues on the	next page	



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END OF QUESTIONS

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