

Energy

These practice questions can be used by students and teachers and is

Suitable for GCSE AQA Geography Topic Questions 8035

Level: GCSE AQA 8035

Subject: Geography

Exam Board: GCSE AQA

Topic: Energy

GCSE GEOGRAPHY

Name:

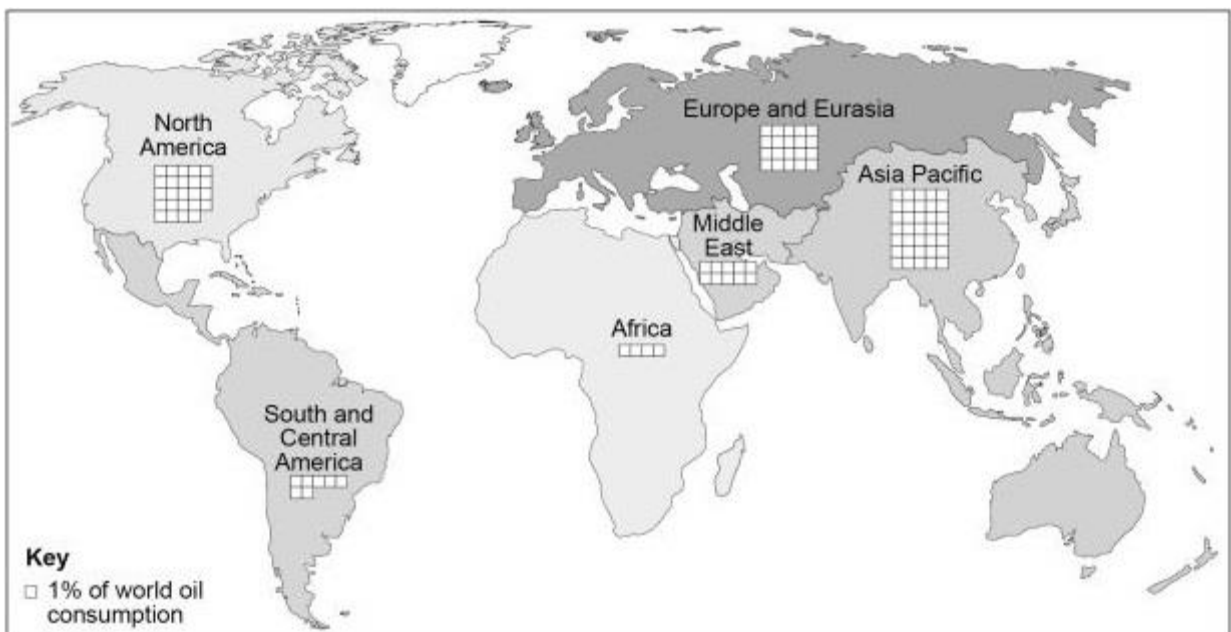
Resource Management Overview and Energy

Complete the questions by typing in the answer boxes, which will expand as necessary.

Then fill in the self-assessment form as fully as you can to help you reflect on your work.

Resource Management Overview

1 Study the map below showing world oil consumption in 2016.



- (a) What is the difference between Africa and North America's share of world oil consumption shown in the map above.

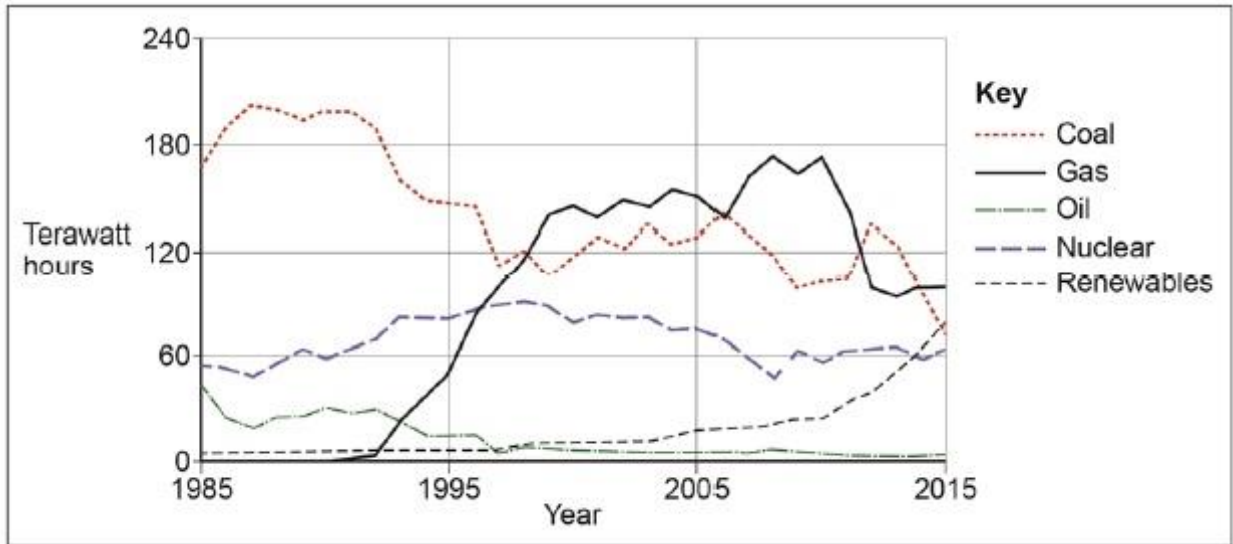
(1)

- (b) Using the map and your own understanding, suggest how inequalities in the consumption of resources influence well-being.

(3)

(Total 4 marks)

2 Study the graph showing sources used to generate electricity in the UK (1985–2015).



(a) Use the graph to complete the paragraph below.

Choose the correct answers from this list.

- | | | |
|-----------------|------|------|
| fluctuated | coal | 1992 |
| remained steady | oil | 1989 |

The supply of electricity between 1985 and 2015.

In 1985 was the main source used to generate electricity, supplying over 60%. By 2015 gas had become the number one source used to generate electricity, the rapid increase in the use of gas having started in

(3)

(b) Give **two** reasons why the use of coal decreased between 1985–2015.

(2)

(Total 5 marks)

3 Outline **one** advantage of the trend towards agribusiness in the UK.

(Total 2 marks)

4 How does increasing food miles lead to a larger carbon footprint?

(Total 2 marks)

- 5 Study the extract below, information about UK population and the proportion of people owning dishwashers.

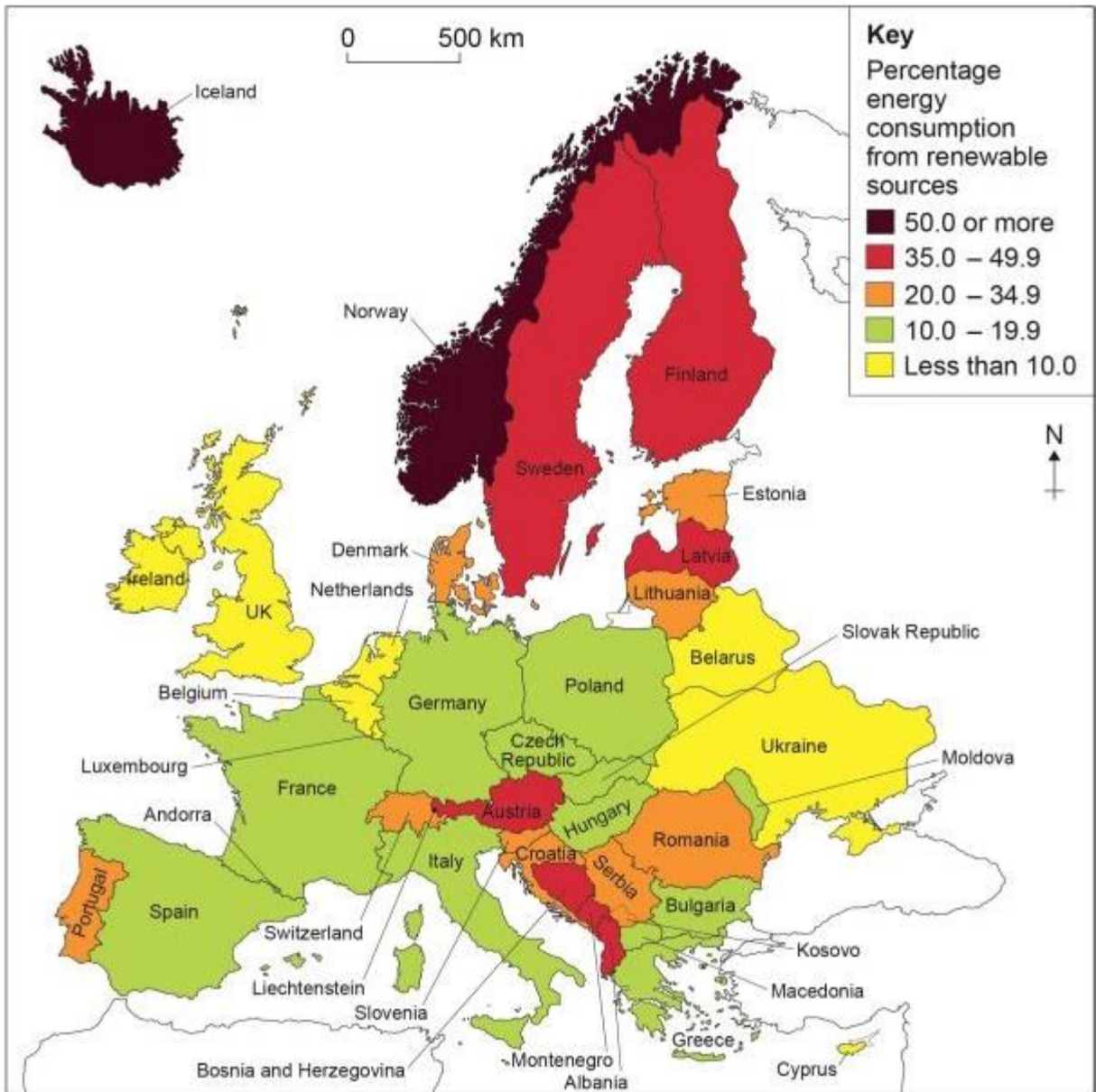
- The UK population is projected to increase over the next 25 years from 64.6 million in 2014 to 74.3 million in 2039.
- 27% owned dishwashers in 2001/02 and 40% in 2010.

Using the extract, outline why the demand for water is likely to increase in the future.

(Total 2 marks)

Energy

- 6 Study the map of Europe below showing the percentage energy consumption from renewable sources in Europe (excluding Russia) in 2014.



(a) Name **one** country which had less than 10.0% of energy consumption from renewable sources.

(1)

(b) How many of the European countries shown in the map above had 35.0–49.9% of energy consumption from renewable sources?

Put an X in **one** box only.

A 5

B 6

C 7

D 8

(1)

What percentage of the 41 countries in Europe for which data is shown had 35.0–49.9% consumption of energy from renewable sources?

Answer to 1 decimal place.

(1)

- (c) Describe the distribution of countries which had 20.0–34.9% consumption of energy from renewable sources shown in the map above.

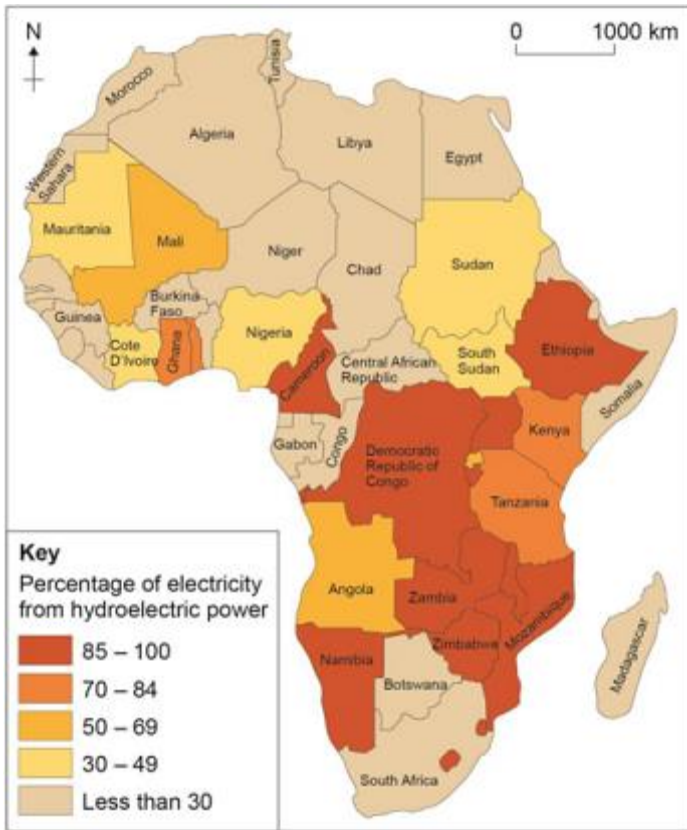
(2)

(Total 5 marks)

- 7 Outline one reason why some countries have a limited energy supply.

(Total 2 marks)

- 8 Study the map showing the percentage of electricity from hydroelectric power in Africa.



(a) What is the percentage of electricity from hydroelectric power in Mauritania?

Put an X in **one** box only.

- A 30-49%
- B 50-69%
- C 70-84%
- D 85-100%

(1)

(b) Using the map, describe the distribution of countries in Africa where the percentage of electricity from hydroelectric power is 85% or more.

(2)

(Total 3 marks)

Feedback Form Instructions

When you have answered as many questions as you can, complete the form on the last page to help you reflect on your work.

How to fill in the form

- Put your confidence score in Column C. This is not about the number of marks you achieved but how sure you felt while you were answering the question.

Confidence	Definition
0	I didn't answer this one
1	I guessed the answer
2	I needed help with the answer
3	I understood the question but wasn't sure about my answer
4	I was fairly confident I would get most of the marks
5	I was sure my answer was correct and I would get full marks

- Use the mark scheme to check your answers.
Put the mark you think you achieved in Column Mark.
- Write an overall comment about how you felt each question went.
 - If you got help, make a note in the comment box specifying the source: internet, friend, book, parent or tutor.
- Complete 'I can...' and 'I need to...' sentences.
 - 'I can...' sentences might include the questions you found easiest to answer, got the most marks for or felt the most confident about.
 - 'I need to...' sentences might include areas you need to revise, questions you want to ask your teacher or the next topic or skill you want to work on.
- Return the form to your teacher.

Resource Management Overview and Energy

Feedback form

Name

Qu	Total marks	Self-assessment		
		C	Mark	Comment
1	4			
2	5			
3	2			
4	2			
5	2			
6	5			
7	2			
8	3			
<p>Overall</p> <p>I can</p> <p>I need to</p>				

Qu	Total marks	Teacher review	
		Mark	Comment
1	4		
2	5		
3	2		
4	2		
5	2		
6	5		
7	2		
8	3		
Overall You can <p>You need to</p>			