



EXAM PAPERS PRACTICE

## Economic activity and energy -3

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

Time:

Total Marks Available:

Total Marks Archived:

Level: IGCSE Mathematics A

Subject: Geography

Exam Board: Edexcel IGCSE Geography- it is however suitable for use by mathematics student of other boards

Topic: Economic activity and energy -3

Type: Topic Questions

To be used by all students preparing for Edexcel IGCSE Geography- Students of other Boards may also find this useful









Named megacity .....

1 .....

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2 .....

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(Total for question = 4 marks)

Q4.

**Economic activity and energy**

Define the term **energy conservation**.



(1)

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(Total for question = 1 mark)

Q5.



Answer the question with a cross in the box you think is correct ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

**Economic activity and energy**

(i) Define the term **energy gap**.

(1)

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(ii) Identify the **two** forms of renewable energy.

(2)

<input type="checkbox"/>	A Coal
<input type="checkbox"/>	B Oil
<input type="checkbox"/>	C Natural gas
<input type="checkbox"/>	D Shale gas
<input type="checkbox"/>	E Solar
<input type="checkbox"/>	F Wind

(Total for question = 3 marks)

Q6.

**Economic activity and energy**

Explain **two** factors that affect global energy demand.

(4)

1 .....



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2 .....

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(Total for question = 4 marks)

Q7.

**Economic activity and energy.**

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Explain **two** reasons why the production of energy varies between countries.

(4)

1.....  
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2.....  
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Q8.

**Economic activity and energy.**

For a named emerging or developing country, explain **two** ways in which demand for energy is affected by different factors.

(4)

Named emerging or developing country .....

1

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.....

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2

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**(Total for question = 4 marks)**





Q9.

**Economic activity and energy**

For a named developed country, explain **two** ways that energy resources are being managed in a sustainable way.

(4)

Named developed country .....

1.....

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2.....

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(Total for question = 4 marks)

Q10.

**Economic activity and energy.**

For a named developing **or** emerging country, explain **two** ways the increasing demand for energy has created problems.

(4)

Named developing or emerging country .....



1 .....

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2 .....

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(Total for question = 4 marks)

Q11. **EXAM PAPERS PRACTICE**

Answer the question with a cross in the box you think is correct . If you change your mind about an answer, put a line through the box  and then mark your new answer with a cross .

**Economic activity and energy**

(i) Identify **one** advantage of using geothermal energy as a source of energy.

(1)

- A** It uses the power of the sun.
- B** It uses the power of the wind.
- C** It is a type of non-renewable energy.
- D** It is a type of renewable energy.



(ii) Define the term **renewable energy**.

(1)

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(Total for question = 2 marks)

Q12.

Answer the question with a cross in the box you think is correct . If you change your mind about an answer, put a line through the box  and then mark your new answer with a cross .

Economic activity and energy

Identify one **non-renewable** source of energy.

(1)

<input type="checkbox"/>	<b>A</b> hydroelectric power
<input type="checkbox"/>	<b>B</b> wind power
<input type="checkbox"/>	<b>C</b> solar power
<input type="checkbox"/>	<b>D</b> burning natural gas

(Total for question = 1 mark)



Q13.

Answer the question with a cross in the box you think is correct . If you change your mind about an answer, put a line through the box . If you change your mind about an answer, put a line through the box and then mark your new answer with a cross and then mark your new answer with a cross .

**Economic activity and energy**

Identify **one** way to make transport more sustainable.

(1)

- A** increasing the use of powerful petrol engines.
- B** increasing air travel routes.
- C** increasing the use of electric battery technology.
- D** increasing the size of motorways.

(Total for question = 1 mark)

Q14.

**Economic activity and energy**

Answer the question with a cross in the box you think is correct . If you change your mind about an answer, put a line through the box  and then mark your new answer with a cross .

(i) Identify the meaning of the term 'HEP'.

(1)

<input type="checkbox"/>	<b>A</b> Hydroelectric power
<input type="checkbox"/>	<b>B</b> Hydro-energetic power
<input type="checkbox"/>	<b>C</b> Hydroelectric pulse
<input type="checkbox"/>	<b>D</b> Hydrostatic energy power

(ii) Define the term 'renewable energy source'.

(1)



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**(Total for question = 2 marks)**

Q15.

Answer the question with a cross in the box you think is correct . If you change your mind about an answer, put a line through the box  and then mark your new answer with a cross .

Economic activity and energy

Identify the meaning of the term **biomass energy**.

(1)

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**(Total for question = 1 mark)**

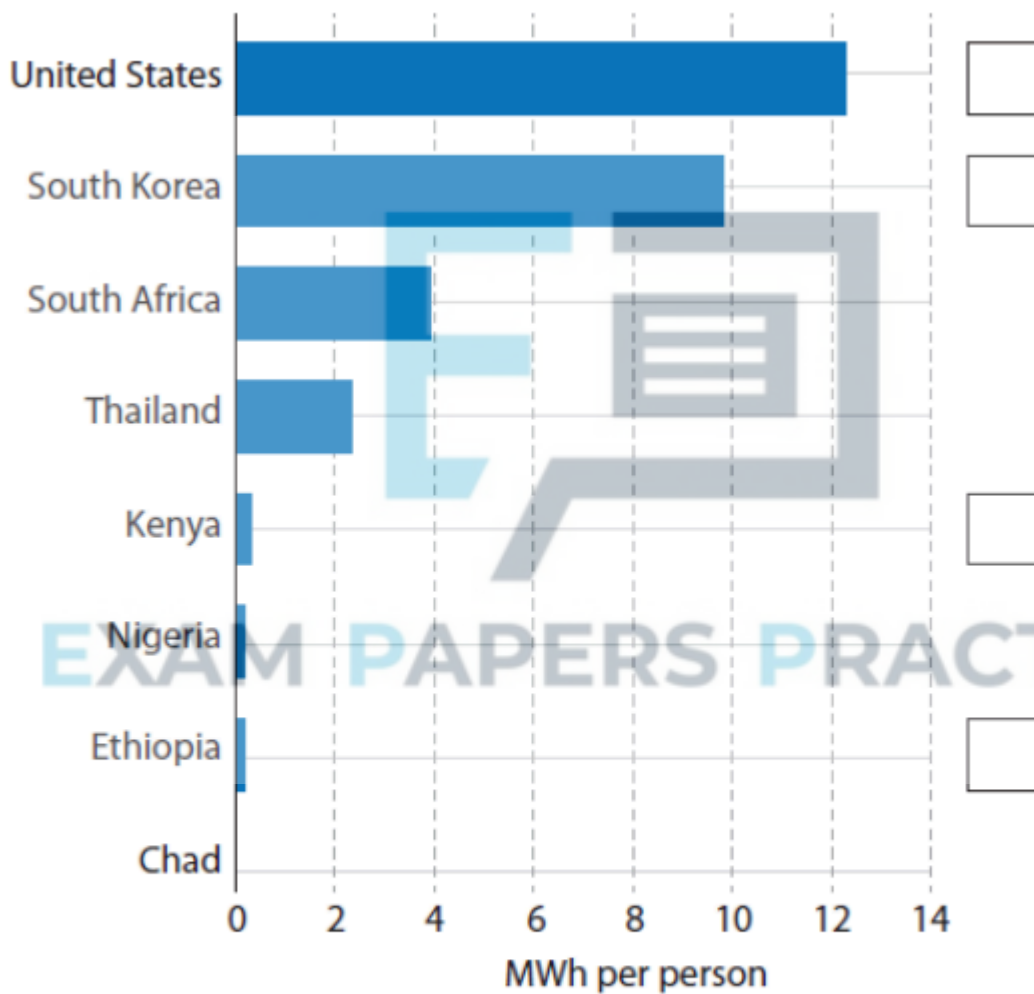
Q16.

**Economic activity and energy.**

Study Figure 1b below.

(i) Label the country with an X in the box where the electricity consumption (per person) is between 8 and 10 MWh.

(1)



**Figure 1b**

**Electricity consumption, MWh (Megawatt Hour) per person in 2016**

(ii) State which country in the category 2-4 MWh per person has the highest electricity consumption

(1)



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(iii) Define the term **energy conservation**.

(1)

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(Total for question = 3 marks)



Q17.

(i) State **one** example of a non-renewable energy resource.

(1)

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(ii) Explain **two** advantages of using non-renewable energy sources.

(4)

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2  
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(Total for question = 5 marks)

Q18.

**Economic activity and energy.**

State **one** example of a renewable energy resource.

(1)

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(Total for question = 1 mark)



Q19.

**Economic activity and energy.**

Study Figure 1b in the Resource Booklet.

Suggest **one** reason for the projected increase in energy demand in Asia.

(3)

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**(Total for question = 3 marks)**

Q20.

**Economic activity and energy**

Study Figure 1a in the Resource Booklet.

Suggest **one** way this transport method is contributing to more sustainable energy use.

(2)

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**(Total for question = 2 marks)**