

Name _____ Date _____



Energy Resources Exam-style questions

The answers to these can be found by studying www.darvill.clara.net/altenerg

1. Name 2 fossil fuels

_____? _____? (2 marks)

2. Name a non-renewable energy resource that is not a fossil fuel

_____? (1 mark)

3. Describe how a gas-fired power station works

_____ (3 marks)

4. Name two advantages of generating electricity using nuclear power

_____? (2 marks)

5. Which uranium isotope is only 0.7% of natural uranium, and is the “fissile” part?
(Hint: the answer is a number, “Uranium-23something”) _____? (1 mark)

6. Describe two methods for getting energy from sunlight

1. _____?
2. _____? (2 marks)

7. Describe three disadvantages of wind power

1. _____?
2. _____?
3. _____? (3 marks)

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8. What is a Tidal Barrage? Describe where one could be built.
Name one advantage and one disadvantage of this method of generating power.

_____ (4 marks)

9. Why does New Zealand make more use of hydroelectric power than the UK?
_____ (1 mark)

10. Why does Switzerland not use tidal barrages?
_____ (1 mark)

11. What is a Pumped Storage Reservoir and why do we need them?

_____ (3 marks)

12. Name the energy resource that involves extracting heat from rocks
_____ (1 mark)

13. Name two materials that we can burn in order to get energy from "Biomass"

_____ (2 marks)

(Total 26 marks)