

Quiz questions - energy

1. The ultimate energy source for the Earth is:
 - A. Electricity
 - B. Natural gas
 - C. The Sun
 - D. Plants

C. The Sun
2. Fossil fuels are made:
 - A. From skeletons
 - B. In factories
 - C. Over millions of years
 - D. Over a barbecue

C. Over millions of years
3. A non-renewable energy resource:
 - A. Can be plugged in and recharged
 - B. Will eventually run out
 - C. Will not work for new appliances
 - D. Can be used over again

B. Will eventually run out
4. Which of these is not a non-renewable energy resource?
 - A. Natural gas
 - B. Coal
 - C. Oil
 - D. Wind

D. Wind
5. The remains of dead sea creatures have made:
 - A. Coal
 - B. Oil
 - C. Nice earrings
 - D. Salt

B. Oil

6. Which of these energy resources does not originate from the Sun's energy?
- A. Natural gas
 - B. Oil
 - C. Geothermal energy
 - D. Coal
- C. Geothermal energy
7. The burning of fossil fuels does not release:
- A. Potential energy
 - B. Light energy
 - C. Sound energy
 - D. Heat energy
- A. Potential energy
8. At the moment renewable energy resources generate:
- A. More energy than fossil fuels
 - B. The same amount of energy as fossil fuels
 - C. Less energy than fossil fuels
 - D. Virtually no energy
- C. Less energy than fossil fuels
9. Which of these statements can be used to describe renewable energy?
- A. They will run out
 - B. They pollute the environment
 - C. Most renewable energy resources do not need burning
 - D. They all use the power of the Sun
- C. Most renewable energy resources do not need burning
10. Some people object to wind turbines because:
- A. They do not like windmills
 - B. They get in the way of photographs
 - C. Wind farms are not real farms
 - D. They are often built in areas of natural beauty
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11. Geothermal energy is:
- A. Generated in special flasks
 - B. Generated in rocks below the Earth's surface
 - C. Generated by the Sun heating up rocks
 - D. Generated by wearing thermal underwear
- B. Generated in rocks below the Earth's surface
12. A scientist has come up with a plan to pump water inside the Earth. He thinks that this is a good idea because:
- A. There is too much water on the Earth's surface and we need more land
 - B. It will combat the rising sea levels caused by global warming
 - C. It will cool down volcanoes which could erupt
 - D. Mining has left big holes underground that may unbalance the Earth's orbit
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13. Nuclear fuel is:
- A. Non-renewable
 - B. Renewable
 - C. Burnt
 - D. Environmentally friendly
- A. Non-renewable
14. Humans get their own energy from:
- A. Coal
 - B. Waves
 - C. Food
 - D. A socket
- C. Food
15. Energy is measured in:
- A. Newtons
 - B. Pascals
 - C. Joules
 - D. Grammes
- C. Joules

16. The energy humans get from food originally comes from:
- A. Sugar
 - B. Meat
 - C. Vegetables
 - D. The Sun
- D. The Sun
17. There are many places where wave energy can be produced. The best place to generate energy from waves is:
- A. The sea
 - B. A reservoir
 - C. A big river
 - D. A lake
- A. The sea
18. Which of these activities would result in a sustainable supply of biomass?
- A. Widescale logging
 - B. Coppicing
 - C. Hedge laying
 - D. Slash and burn
- B. Coppicing
19. People object to the burning of fossil fuels because:
- A. Not everyone has an open fire
 - B. They release polluting gases
 - C. They are cheap
 - D. They produce a lot of energy
- B. The release polluting gases
20. If we continue to use fossil fuels at the current rate, they will run out. If they run out, which of these products will we still be able to produce?
- A. Petrol
 - B. Diesel
 - C. Plastics
 - D. Electricity
- D. Electricity