

Assessment

Chapter 5 Practice Test

Energy Resources

MULTIPLE CHOICE

Circle the letter of the best answer for each question.

1. What is a resource that can be replaced at the same rate it is used called?
 - a. recyclable resource
 - b. nonrenewable resource
 - c. renewable resource
 - d. Earth resource
2. Which of the following is a nonrenewable resource?
 - a. trees
 - b. wind
 - c. fresh water
 - d. natural gas
3. What is reusing waste or scrap materials called?
 - a. reducing
 - b. refreshing
 - c. recycling
 - d. resourcing
4. From what do petroleum and natural gas mostly form?
 - a. the remains of swamp plants
 - b. the remains of land animals
 - c. the remains of sea organisms
 - d. the remains of burned-out forests

Chapter Test C *continued*

Circle the letter of the best answer for each question.

5. Which of the following is NOT a stage of coal formation?
 - a. lignite
 - b. hematite
 - c. anthracite
 - d. peat

6. What is splitting the nuclei of radioactive atoms called?
 - a. atom splitting
 - b. atom splicing
 - c. fusion
 - d. fission

7. What is the joining of two or more nuclei to form a larger nucleus?
 - a. atom splitting
 - b. atom splicing
 - c. fission
 - d. fusion

8. What does biomass energy come from?
 - a. organic matter
 - b. nuclear reactors
 - c. wind power
 - d. falling water

9. What is the energy produced by the heat within Earth called?
 - a. solar energy
 - b. chemical energy
 - c. fusion
 - d. geothermal energy

Chapter Test C *continued*

MATCHING

Read the description. Then, draw a line from the dot next to each description to the matching word.

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|---|---|-------------------------|
| 10. the energy released when a compound reacts to produce new compounds | ● | a. nuclear energy |
| 11. the energy released by a fission reaction | ● | b. chemical energy |
| 12. the energy produced by falling water | ● | c. hydroelectric energy |
| 13. the radiation energy from the sun | ● | d. solar energy |
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- | | | |
|---|---|------------|
| 14. mixture of gasoline and alcohol that is used for fuel | ● | a. biomass |
| 15. organic matter that can be a source of energy | ● | b. geyser |
| 16. natural vent that discharges steam from Earth | ● | c. gasohol |

Chapter Test C *continued*

FILL-IN-THE-BLANK

Read the words in the box. Read the sentences. **Fill in each blank** with the word or phrase that best completes the sentence.

coal	petroleum	smog	natural gas
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17. A liquid mixture of hydrocarbon compounds used as a fuel is

_____.

18. The fossil fuel that is formed underground from decomposed plants is

_____.

19. A gaseous mixture of hydrocarbons used as a fuel is

_____.

20. Burning petroleum is the main cause of air pollution called

_____.