

Assessment

# Chapter 5 Practice Test

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## 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*

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**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*

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**MATCHING**

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

- |                                                                         |   |                         |
|-------------------------------------------------------------------------|---|-------------------------|
| 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*

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**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

\_\_\_\_\_.