

## A New Century Begins: 1990 to the Present

**Directions:** Fill in the outline below. Filling in the blanks will help you as you read and study Chapter 30.

### I. Section 1: The Earth As a Global Village (pp. 760–764)

#### A. Technology

1. Is the use of \_\_\_\_\_ to do \_\_\_\_\_ things
2. Makes our world into a \_\_\_\_\_ village

#### B. Mass Communication

1. Is \_\_\_\_\_ directed at \_\_\_\_\_
2. Connects people everywhere, making the world a \_\_\_\_\_

#### C. The Computer

1. Started an important technological \_\_\_\_\_
2. The \_\_\_\_\_ expanded the use of computers
3. The \_\_\_\_\_ made the Internet easier to use

#### D. Space Exploration

1. \_\_\_\_\_ like *Sputnik* orbit the earth and send and receive information
2. \_\_\_\_\_ and the \_\_\_\_\_ are building a space station

### II. Section 2: Energy and Technology Create the Global Village (pp. 765–768)

#### A. Energy

1. Is \_\_\_\_\_ that makes \_\_\_\_\_ work and produces \_\_\_\_\_
2. The use of energy sources causes air and water \_\_\_\_\_
3. \_\_\_\_\_ energy produces deadly waste products

#### B. Technology

1. Has changed \_\_\_\_\_
2. The \_\_\_\_\_ superhighway sends information quickly
3. Can be harmful to our \_\_\_\_\_ and can be used to cause harm in \_\_\_\_\_

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**III. Section 3: Global Trade and Economic Development (pp. 769–772)****A. Free-market Countries**

1. Have economies in which \_\_\_\_\_ try to satisfy the customers
2. Most are contained in the \_\_\_\_\_ Hemisphere

**B. Developing Countries**

1. Are slowly developing their \_\_\_\_\_ and \_\_\_\_\_
2. Many are contained in the \_\_\_\_\_ Hemisphere
3. Most people in these nations do \_\_\_\_\_ farming

**C. Recession**

1. Is an \_\_\_\_\_
2. Caused many people in \_\_\_\_\_ to lose their jobs in 1997
3. Caused many U.S. companies to lose \_\_\_\_\_
4. Caused the price of \_\_\_\_\_ in the U.S. to fall

**D. International Organizations**

1. The \_\_\_\_\_ helps build dams, mines, roads, and bridges
2. The \_\_\_\_\_, or IMF, supplies money to its members in times of \_\_\_\_\_

**IV. Section 4: Global Environmental Concerns (pp. 773–776)****A. Air and Water Pollution**

1. Is caused by burning \_\_\_\_\_ fuels
2. Is caused by the use of \_\_\_\_\_ and pesticides

**B. Global Warming**

1. Is the heating of the \_\_\_\_\_ from the \_\_\_\_\_ of fossil fuels
2. May cause a change in \_\_\_\_\_ patterns

**C. Improving the Environment**

1. We can \_\_\_\_\_ packaging, \_\_\_\_\_ things, and \_\_\_\_\_ things we no longer use

## Global Village Match-Up

**Directions:** Match each item on the left with the correct item on the right. Write the correct letter on each blank.

- |                                       |  |
|---------------------------------------|--|
| _____ 1) technology                   | a) the first space satellite                             |
| _____ 2) mass communication           | b) network of information on the Internet                |
| _____ 3) Internet                     | c) the selling or the announcing of something            |
| _____ 4) employ                       | d) company that does business around the world           |
| _____ 5) advertising                  | e) started a technological revolution                    |
| _____ 6) international                | f) an international computer network                     |
| _____ 7) global village               | g) biggest project in the history of technology          |
| _____ 8) multinational corporation    | h) the use of science to do practical things             |
| _____ 9) electronic                   | i) involving different nations                           |
| _____ 10) World Wide Web              | j) to hire someone to work                               |
| _____ 11) <i>Sputnik</i>              | k) lets us write messages to people almost instantly     |
| _____ 12) culture                     | l) world-wide sharing of ideas, cultures, and traditions |
| _____ 13) computer                    | m) messages directed at many people                      |
| _____ 14) E-mail                      | n) powered by electricity                                |
| _____ 15) International Space Station | o) what technology allows us to share around the globe   |

## Using Important Terms

**Directions:** Read the terms in the Word Bank. On the line before each sentence, write the letter of the term that correctly completes each sentence.

Word Bank		
a) developing country	e) multinational	h) Southern
b) compete	f) Northern	i) subsistence
c) free-market	g) recession	j) World Bank
d) IMF		

- \_\_\_\_\_ 1) A \_\_\_\_\_ is a nation that is slowly developing its industry and economy.
- \_\_\_\_\_ 2) An economic slowdown is a \_\_\_\_\_.
- \_\_\_\_\_ 3) The \_\_\_\_\_ is an organization that supplies money to needy members.
- \_\_\_\_\_ 4) In a \_\_\_\_\_ economy, manufacturers try to satisfy consumers' wants and needs.
- \_\_\_\_\_ 5) Economists call many nations in the \_\_\_\_\_ Hemisphere developing countries.
- \_\_\_\_\_ 6) To \_\_\_\_\_ is to try to do better than someone else.
- \_\_\_\_\_ 7) The \_\_\_\_\_ directs money from industrialized nations to developing countries.
- \_\_\_\_\_ 8) People grow crops mostly for their own use in \_\_\_\_\_ farming.
- \_\_\_\_\_ 9) The \_\_\_\_\_ Hemisphere contains most of the successful free-market countries.
- \_\_\_\_\_ 10) Some people blame \_\_\_\_\_ corporations for the recession.

## Environmental Concerns True or False

**Directions:** Read each sentence. Write *T* if the statement is true or *F* if it is false.

- \_\_\_\_\_ 1) Fertilizers can cause people who eat animals like fish to get sick.
- \_\_\_\_\_ 2) Most air pollution is caused by the burning of coal, oil, and natural gas.
- \_\_\_\_\_ 3) Cars and factories give off high levels of carbon dioxide.
- \_\_\_\_\_ 4) The global environment is less healthy than it once was.
- \_\_\_\_\_ 5) There is nothing humans can do to help the environment.
- \_\_\_\_\_ 6) Global warming is the heating up of Earth from the burning of wood, coal, oil, and gasoline.
- \_\_\_\_\_ 7) Trees remove oxygen from the air and release carbon monoxide into the air.
- \_\_\_\_\_ 8) Many cities in America suffer from industrial air pollution.
- \_\_\_\_\_ 9) Scientists believe that the polar ice caps are melting.
- \_\_\_\_\_ 10) Countries in Africa do not face environmental problems because they developed their economies quickly.
- \_\_\_\_\_ 11) Air pollution is decreasing.
- \_\_\_\_\_ 12) People are using up resources faster than they can be replaced.
- \_\_\_\_\_ 13) World population growth is increasing.
- \_\_\_\_\_ 14) Reusing things can help the environment.
- \_\_\_\_\_ 15) Asia depends on coal and oil for fuel.

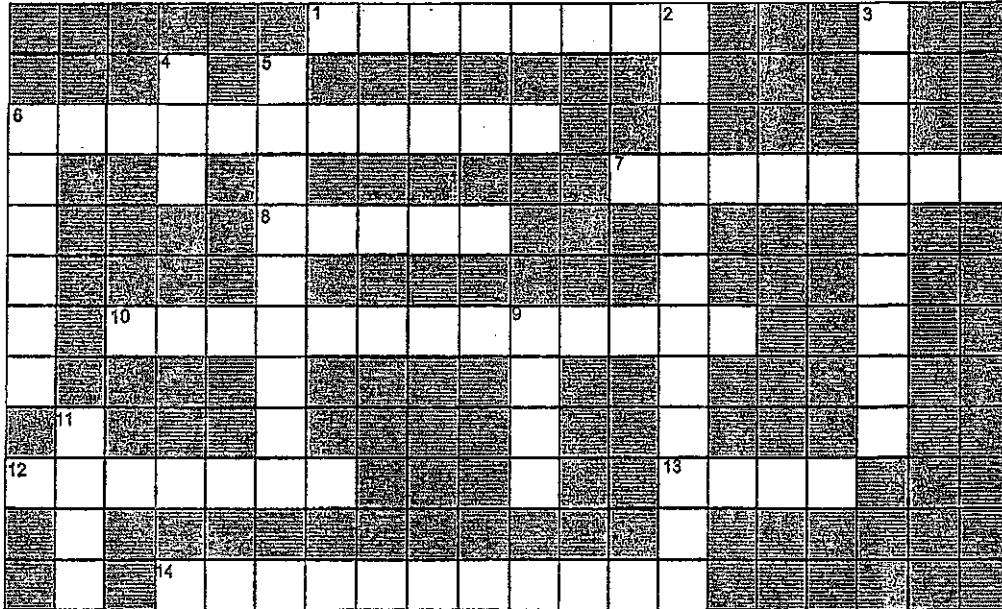
## What Am I?

**Directions:** After each sentence, write the correct word or phrase from the Word Bank that the sentence describes.

Word Bank		
advertising	global village	multinational corporation
computer	Internet	technology
electricity	mass communication	village
employ		World Wide Web

- 1) I describe the sharing of ideas, cultures, and traditions throughout the world.  
\_\_\_\_\_
- 2) I am the use of science to do practical things. \_\_\_\_\_
- 3) Something that is electronic is powered by me. \_\_\_\_\_
- 4) I made the Internet easier to use. \_\_\_\_\_
- 5) I am a word that means to hire someone to work. \_\_\_\_\_
- 6) I am messages directed at many people. \_\_\_\_\_
- 7) People use me to announce or sell things. \_\_\_\_\_
- 8) I am an international computer network. \_\_\_\_\_
- 9) A technological revolution as important as the Industrial Revolution was started by me.  
\_\_\_\_\_
- 10) I am a company that hires people and has business interests around the world.  
\_\_\_\_\_

# Energy and Technology Crossword



## Across

- 1) energy makes \_\_\_\_\_ work
- 6) the land, sea, and air of our world
- 7) technology has improved it with surgery and lasers
- 8) tool that provides high-energy beams of light
- 10) the \_\_\_\_\_ cell can produce electricity from light
- 12) discovered black holes
- 13) without energy, this cannot be done
- 14) what the photoelectric cell produces

## Down

- 2) the electronic \_\_\_\_\_ sends information from telephones, TVs, and computers
- 3) they have designed new cars and invented medical machines
- 4) has been the major source of energy in the twentieth century
- 5) making water, air, or land unclean and unhealthy
- 6) power that makes machines work and produces heat
- 9) was a source of energy in the nineteenth century
- 11) what the electronic superhighway sends

## Identifying Important Terms

**Directions:** Match each item in Column A with a detail from Column B.  
Write the letter of each correct answer on the line.

### Column A

- \_\_\_\_\_ 1) subsistence
- \_\_\_\_\_ 2) compete
- \_\_\_\_\_ 3) World Bank
- \_\_\_\_\_ 4) developing country
- \_\_\_\_\_ 5) Northern Hemisphere
- \_\_\_\_\_ 6) recession
- \_\_\_\_\_ 7) IMF
- \_\_\_\_\_ 8) free-market
- \_\_\_\_\_ 9) interdependent
- \_\_\_\_\_ 10) Southern Hemisphere
- \_\_\_\_\_ 11) education
- \_\_\_\_\_ 12) manufacturers
- \_\_\_\_\_ 13) technology
- \_\_\_\_\_ 14) raw materials
- \_\_\_\_\_ 15) Japan

### Column B

- a) what the World Bank tries to improve
- b) what most poor, developing countries have to sell
- c) organization that supplies needy members with money
- d) depending on one another
- e) an economic slowdown
- f) the economic engine for Asia
- g) they satisfy the wants and needs of consumers
- h) farming in which people grow crops for their own use
- i) to try to do better than someone else
- j) where most of the successful free-market countries are
- k) where many developing countries are
- l) nation that is slowly developing its economy
- m) economy in which manufacturers try to satisfy consumers
- n) what free-market countries make use of
- o) directs money from industrialized to developing nations



## Do You Remember?

**Directions:** Write the answers to these questions using complete sentences.

- 1) Where is the problem of water pollution from fertilizers and pesticides the most serious?

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- 2) Why do many people fear global warming?

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- 3) With what kinds of pollution do cities in Asia have major problems?

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- 4) What happens if the industrial countries cut back on the use of fossil fuels?

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- 5) What are three things we can do to help the environment?

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## Chapter 30 Mastery Test A

**Part A** Match each item on the left with the correct item on the right.  
Write the correct letter on each blank.

- |                              |  |
|------------------------------|--|
| _____ 1) global              | a) economic slowdown   |
| _____ 2) pollution           | b) power that makes machines work                            |
| _____ 3) energy              | c) made from coal, oil, or natural gas                       |
| _____ 4) subsistence         | d) directs money from industrialized to developing countries |
| _____ 5) recession           | e) the earth is a _____ village                              |
| _____ 6) Internet            | f) international computer network                            |
| _____ 7) fossil fuel         | g) the land, sea, and air of our world                       |
| _____ 8) environment         | h) messages directed at many people                          |
| _____ 9) World Bank          | i) farming in which people grow crops for their own use      |
| _____ 10) mass communication | j) making the air, water, or land unclean and unhealthy      |

**Part B** Circle the word in parentheses that best completes each sentence.

- 1) Global (cleansing, warming, recession) could cause a change in rainfall patterns.
- 2) A (multilingual, multiracial, multinational) corporation hires people and has business interests around the world.
- 3) Something that involves different nations is (international, photoelectric, developing).
- 4) Most of the successful free-market countries are in the (Southern, Northern, Eastern) Hemisphere.
- 5) The (IMB, NAFTA, UN) is an organization that gives money to needy members.

**Chapter 30 Mastery Test A, continued**

**Part C** Read each sentence. Write *T* if the statement is true or *F* if it is false.

- \_\_\_\_\_ 1) Scientists think global warming could change the earth's temperature.
- \_\_\_\_\_ 2) The burning of coal and oil helps our environment.
- \_\_\_\_\_ 3) Mass communication has helped create a global village.
- \_\_\_\_\_ 4) In subsistence farming, people grow crops to sell.
- \_\_\_\_\_ 5) Developing countries are slowly developing their industries and economies.
- \_\_\_\_\_ 6) A collapse of the money supply in Thailand caused a recession in Asia.
- \_\_\_\_\_ 7) China is the economic engine for Asia.
- \_\_\_\_\_ 8) A fossil fuel is made from coal, oil, or natural gas.
- \_\_\_\_\_ 9) No American cities suffer from industrial air pollution.
- \_\_\_\_\_ 10) Fertilizers and pesticides can cause pollution.

**Part D** Read each clue. Write the letter of the word that each clue describes. Choose your answers from the words in the Word Bank.

- \_\_\_\_\_ 1) Network of information on the Internet.
- \_\_\_\_\_ 2) International computer network.
- \_\_\_\_\_ 3) Around the world.
- \_\_\_\_\_ 4) The use of science to do practical things.
- \_\_\_\_\_ 5) Network that sends data from phones, TVs, and computers.

**Word Bank**

- a) electronic superhighway
- b) international
- c) Internet
- d) technology
- e) World Wide Web

