Costa Rica, a country in Central America, was once nearly covered with rain forest. Today, farmers and ranchers have cleared much of the forest, a process called deforestation. Deforestation destroys the homes of thousands of species.

Use the map above to answer the questions below.

1. **Using a Key** In which year did Costa Rica have the most forest cover? The least?

2. **Analyzing Data** About what fraction of Costa Rica was still covered with forest in 1987?

3. **Analyzing Data** Was more forest removed between 1947 and 1977 or between 1977 and 1987?

4. **Inferring Relationships** What is the relationship between the locations of cities and the locations of the remaining forest?

5. **Inferring Relationships** Why might the decline in deforestation have occurred when it did?
6. A developing country is one that is (in the present) still developing, or growing toward completion.
7. a diverse industrial economy
8. an agriculture-based economy
9. Developed countries have stronger social support systems.
10. the unequal distribution of wealth and resources

Map Skills

1. 1947; 1987
2. about one fourth
3. between 1947 and 1977
4. The remaining forest areas are located, in most cases, far from the major cities.
5. Answers may vary but some students may suggest that the most likely cause was a rise in conservation projects. Others may suggest that the location of the remaining forest might make it more difficult to remove.

Quiz

SECTION: UNDERSTANDING OUR ENVIRONMENT
Matching Multiple Choice
1. e  6. b
2. c  7. a
3. d  8. c
4. b  9. a
5. a  10. a

SECTION: THE ENVIRONMENT AND SOCIETY
Matching Multiple Choice
1. c  6. a
2. e  7. b
3. a  8. c
4. d  9. c
5. b  10. d

Chapter Test General

MATCHING
1. e  6. d
2. g  7. j
3. a  8. h
4. i  9. f
5. b  10. c

MULTIPLE CHOICE
11. d  16. a
12. c  17. b
13. d  18. a
14. b  19. c
15. d  20. d

Chapter Test Advanced

MATCHING
1. e  6. h
2. j  7. b
3. i  8. c
4. a  9. f
5. d  10. g

MULTIPLE CHOICE
11. b  15. b
12. d  16. a
13. a  17. d
14. d  18. c

SHORT ANSWER
19. Humans cause the extinction of certain species primarily by destroying organisms’ habitat (habitat loss). Students might also suggest that pollution or overhunting cause extinction. Either answer is acceptable since both factors contribute to extinction. However, the primary cause of extinction through human activities is the loss of species habitat.

20. Answers may vary. The most obvious choices will be the three major categories of environmental problems: pollution, resource depletion, and loss of biodiversity. Other acceptable answers, some of which are components of the major categories, include: overpopulation, global warming, ozone depletion, habitat loss, and pollution or overuse of water resources.

INTERPRETING GRAPHICS
21. Brazil
22. Costa Rica
23. Thailand