Skills Worksheet

Study Guide

Answer Key

MATCHING

1. b	7. f
2. e	8. g
3. a	9. h
4. d	10. k
5. c	11. j
6. i	

MULTIPLE CHOICE

12. b
13. d
14. b
15. d
16. b
17. c
18. b

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Ch 10 Study Guide

MATCHING

In the space provided, write the letter of the term or phrase that best matches the description.

_____ 1. a species that is not native to a particular region

_____ 2. any species that is likely to become endangered if it is not protected

_____ 3. species that are very important to the functioning of an ecosystem

_____ 4. any species whose numbers have fallen so low that it is likely to become extinct in the near future

_____ 5. a species when the very last individual dies

_____ 6. most unknown species belong to this group

_____ 7. growing crops among native plants instead of on cleared land

_____ 8. humans and familiar animals belong to this group

_____ 9. designed to protect groups of species by managing lands in a protected area

_____ 10. critical ecosystems with high species diversity

_____ 11. many antibiotics are derived from chemicals that come from this group

a. keystone species
b. exotic species
c. extinct species
d. endangered species
e. threatened species
f. sustainable land use
g. vertebrates
h. habitat conservation plan
i. insects
j. fungi
k. biodiversity hotspot

MULTIPLE CHOICE

In the space provided, write the letter of the term or phrase that best completes each statement or best answers each question.

_____ 12. Members of a population may be prone to inherited genetic diseases if
     a. the level of genetic diversity of the population is high.
     b. inbreeding takes place frequently within the population.
     c. a variety of habitats are available to the population.
     d. interaction between populations takes place in an ecosystem.

_____ 13. The human diet has been enriched with native food products such as sweet potatoes, beans, tomatoes, and corn that come from
     a. Pacific islands.
     b. Southwest Asia.
     c. Madagascar and Africa.
     d. Central and South America.

_____ 14. What level of biodiversity is most commonly equated with the overall concept of biodiversity?
     a. genetic diversity
     b. species diversity
     c. ecosystem diversity
     d. all of the above

_____ 15. What groups of organisms are most in danger of extinction?
     a. those with small populations
     b. those that migrate or need special habitats
     c. those with large populations that breed quickly
     d. both (a) and (b)

_____ 16. Which of the following is not one of the ways in which coral reefs are threatened by human activities?
     a. development along waterways
     b. creation of artificial reefs
     c. overharvesting of fish
     d. pollution

_____ 17. How does preserving biodiversity come into conflict with human interests?
     a. Additional land is used for agriculture or housing in response to population growth.
     b. Species may represent food or a source of income.
     c. both (a) and (b)
     d. none of the above

_____ 18. Which of the following is not a provision of the Endangered Species Act?
     a. No products from endangered or threatened species may be sold.
     b. Protected plants may be uprooted.
     c. Government projects may not further endanger endangered species.
     d. A species recovery plan must be created.