

## BIOMES: OUR EARTH'S MAJOR LIFE ZONES REVIEW – ANSWER KEY

### True or False

Directions: Label each statement with a “T” if it is true or “F” if it is false.

1. **F** In the tropical rain forest, evaporation rate exceeds precipitation rate.
2. **F** Climate has nothing to do with where plants and animals live.
3. **F** An African safari tour must travel to the desert.
4. **T** To survive the hot day time periods in the desert, some animals burrow in the cool ground.
5. **T** Of all the biomes we discussed in class, the tropical rain forest contains the greatest number of tree species.

### Short Answer – Answer the following.

6. What type of trees annually loses their leaves? **DECIDUOUS**
7. Name two fresh water environments. **STREAM, RIVER, POND, LAKE**
8. What is the dominant plant life found in the tropical rain forest? **TREE**
9. What is the name of the biome which has a geographical area that receives little rainfall and whose terrain is often dominated by rocks, sand, and overall poor soil? **DESERT**
10. Many of the grasslands today are used for what purpose? **AGRICULTURE (FARMING)**
11. What is another name for the temperate shrublands whose plants are able to survive the destructive forces of fire? **CHAPARRAL**

### Multiple Choice

12. **A** An extremely cold, dry land biome is the:  
a. tundra b. coniferous forest c. deciduous forest d. neritic zone
13. **B** The biome that receives the least amount of rainfall is the:  
a. savanna b. desert c. rain forest d. temperate grassland
14. **A** In Michigan we live in the:  
a. temperate forest b. temperate grassland c. tundra d. desert
15. **C** The following organisms are found in which biome? Barrel Cactus, Prickly Pear, Jack Rabbit, and Coyote  
a. tundra b. savanna c. desert d. coniferous forest

16. **D** Which of the following statements about savannas is true?  
 a. They are characterized by a wet season followed by a dry season..  
 b. Their inhabitants include wolves, bears, foxes, and caribou.  
 c. They are characterized by steep mountains.  
 d. They do not receive enough rain to support trees.
17. **D** Oak, hickory and beech trees are characteristic of which biome?  
 a. temperate grassland b. tundra c. desert d. temperate deciduous forest

**Directions: Match the letter of the definition with its term by putting the letter in the blank.**

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|--------------|---------------|--|
| 18. <b>I</b> | tundra        | A. animal that preys on another organism   |
| 19. <b>C</b> | biomes        | B. referring to land or living on land   |
| 20. <b>F</b> | deciduous     | C. geographical areas that share similar climate and plants  |
| 21. <b>G</b> | grassland     | D. the process by which organisms decay  |
| 22. <b>H</b> | conifers      | E. taking place in or on water   |
| 23. <b>A</b> | predator      | F. shedding its leaves annually  |
| 24. <b>B</b> | terrestrial   | G. wide grass -covered biome with few trees  |
| 25. <b>E</b> | aquatic       | H. of cone-bearing trees, such as pines and their relatives  |
| 26. <b>J</b> | savanna       | I. a treeless geographic area where the subsoil is frozen  |
| 27. <b>M</b> | boreal forest | J. grassy flat land in hot regions with few trees  |
| 28. <b>L</b> | ecosystem     | K. those aspects of the weather, such as temperature, rainfall, and light that influence the life of organisms |
| 29. <b>N</b> | desert        | L. all the organisms present in a particular area, together with their physical environment                    |
| 30. <b>K</b> | climate       | M. biome dominated by conifers   |
|              |               | N. Hot and dry biome   |