

Study Guide: Biomes and Symbiosis Unit Test

ANSWER KEY

1. Which 2 biomes receive less than 25 cm of rain per year? **TUNDRA & DESERT**
2. Leaving an area is called **EMMIGRATION**
3. Define population and give an example. **A GROUP OF ORGANISMS THAT ARE THE SAME SPECIES. EX: A HERD OF CATTLE**
4. Define climate. **THE TYPICAL WEATHER PATTERN IN AN AREA OVER A LONG PERIOD OF TIME.**
5. Symbols for commensalism: **+ 0**
6. Define symbiosis. **A RELATIONSHIP BETWEEN TWO ORGANISMS IN WHICH AT LEAST ONE OF THEM BENEFITS.**
7. When a flea bites a dog, which one is the prey? **THE DOG**
8. You travel to Africa and see zebra and gazelle. Which biome are you most likely in? **GRASSLAND**
9. Define competition. **THE STRUGGLE BETWEEN ORGANISMS TO SURVIVE IN A HABITAT WITH LIMITED RESOURCES.**
10. This biome has the most biodiversity: **RAINFOREST**
11. Which biome is cold and dry? **TUNDRA**
12. What is it called where fresh water meets the salt water? **ESTUARY**
13. Which interaction is where one organism kills and eats another? **PREDATION**
14. When a flea is living on a dog, the dog is called the **HOST**
15. Why do many plants grow in the tropical rain forest? **IT IS VERY WARM, HUMID, AND MOIST.**
16. Symbols for mutualism: **+ +**
17. The largest population that an environment can support is called its **CARRIING CAPACITY.**
18. Name 2 biotic factors of the grassland. **GRASS & ZEBRA**
19. Barnacles attach themselves to whales. The whale is unaffected. What type of symbiosis is this?
COMMENSALISM

20. Which biome has evergreens and is covered in snow most of the year? **TAIGA (BOREAL)**
21. E. coli live in your intestine and help break down waste. What type of symbiosis is this? **MUTUALISM**
22. Which biome would you be in if you need a heavy jacket, thick gloves, and would walk on frozen soil?
TUNDRA
23. Which type of symbiosis do BOTH species benefit? **MUTUALISM**
24. Symbols for parasitism: **+ -**
25. This biome is hot, dry, and little rainfall: **DESERT**
26. This biome is home to deer, black bear, skunks, and red fox: **TEMPERATE DECIDUOUS FOREST**
27. Write an example of parasitism: **A TICK BITES A DOG AND LIVES OFF OF ITS BLOOD**
28. Which biome has less than 25 cm of rain and is located near the equator? **DESERT**
29. If you visited this biome, you would walk on fallen leaves during the fall season. What is it?
TEMPERATE DECIDUOUS FOREST
30. This biome has 4 seasons and is where we live: **TEMPERATE DECIDUOUS FOREST**
31. A cheetah attacks a zebra. The zebra dies and cheetah eats them. What is this an example of?
PREDATION
32. The crocodile bird eats the leftover bits of food out of the crocodile's teeth. The crocodile gets its teeth cleaned. What type of symbiosis is this? **MUTUALISM**
33. You are on a moose hunt and see lots of coniferous trees. What biome are you in? **TAIGA**
34. Which biome is home to lush green vines and ferns? **RAINFOREST**
35. An organisms particular role in its habitat: **NICHE**
36. Symbols for predation: **+ RIP**