

Biomes Around the World

Name (KEY) Date _____ Period _____

1. The water, ground, plants, and animals in and near the pond are of part of an Ecosystem.
2. A relationship where things work together and depend on each other to exist is called Symbiosis.
3. Why is a drop of pond water considered an ecosystem?
an environment and organisms
4. A major regional or global living community characterized by the dominant organisms and climate is called a biome.

Arctic Tundra

5. Temperatures in the arctic tundra can be as low as -50°C in the winter and the temperature rarely goes above 10°C.
6. The subsoil of the arctic tundra is not frozen year round. True or False subsoil = permafrost
7. What is the annual rainfall in the arctic tundra? 30-50 cm
8. What special characteristics do polar bears and wolves have? thick fur
9. Where can you find arctic tundras around the World? northern parts of world

Coniferous Forests

10. Where can you find coniferous forests around the World? across Alaska, Eurasia, & top of N. America
11. Is the soil in coniferous forests fertile? Why or Why not.
No because they do not lose their leaves
12. What is the range of temperatures in coniferous forests? -55°C - 20°C
13. What is the annual rainfall in coniferous forests? 30-85 cm

Deciduous Forests

14. How are deciduous forests different from coniferous forests? trees that lose leaves
15. What is the average temperature in deciduous forests? 10°C
16. What is the annual rainfall in deciduous forests? 75-150 cm
17. Where is one location of a deciduous forest? Eastern N. America, Europe, & Eastern Asia

Desert

18. What is the average rainfall in deserts? less than 25 cm

19. All deserts are hot and dry.

True or False

20. How are camels able to survive in deserts? storing water producing fat in

21. What is the largest desert?

Sahara (N. Africa)

22. Name a cold and dry desert?

Gobi (N. China)

23. Scientists estimate that

1/5

of all land is desert.

Grasslands

24. Grasslands are only found on two continents.

True or False

almost all

25. What is the average rainfall in grasslands?

25-75 cm

26. What is the average temperature in the Savannah?

20°C

27. What type of grassland is found in North America?

temperate

What is the average temperature?

38°C

summer + 0°C winter

28. What is another name for grasslands found in North America?

prairies

Aquatic

29. What biome covers ~ 75% of the Earth's surface?

aquatic

30. How are aquatic biomes different than terrestrial biomes?

more humid and cooler air temperatures

31. What makes up freshwater biomes?

No salt; ponds, lakes, streams, rivers, and wetlands

32. What makes up saltwater biomes?

marine (salt); seaweed

Rainforest

33. Half of all plant and animal species are found in rainforests.

True or False

34. Where is one location of a tropical rainforest?

Asia, central America, Africa

35. What is the annual rainfall in tropical rainforests?

400 cm

(near equator)

36. What is the average temperature in tropical rainforests?

20-30°C

37. What is the difference between a tropical and temperate rainforest?

animals and amount of rain + climate is warmer versus cooler

38. What is the annual rainfall in temperate rainforests?

250 cm

39. How can you save rainforests?

recycling