

Earth's Systems - Short Answer Quiz

Use the words in the vocabulary bank at bottom, fill in blanks below.

1. The _____ includes Earth's rock.
2. It even includes the very ground that is made up of _____
plates forming our islands and continents.
3. The _____ includes Earth's water.
4. Most (97%) is salt water in the _____.
5. Fresh water is found in underground in _____, on the surface in lakes and rivers and frozen in 6. _____.
7. The Earth's water is always moving through a water cycle where it _____ from the surface up into the atmosphere as a gas.
8. The _____ surrounds the Earth in gaseous layers held in place by 9. _____.
10. We live in the layer called the _____ which reaches from the ground up 4-12 miles (6-20km) into the sky.
11. The next layer is the _____ where the air is much calmer. This is where commercial airplane fly.
12. The next layer is the _____. This layer stops most meteors as they fly toward Earth. All we see is the streak of light as they burn up.
13. The _____ is next and is where the space shuttles orbited the Earth.
14. The outer boundary of our atmosphere is the _____
_____. It reaches to about 6,200 miles (1,000 km) above the Earth. This is the

level of the atmosphere where our satellites orbit the Earth.

15. The _____ includes all living things on Earth, from plants and animals to fungi and microscopic plankton.

16. Ocean life is mostly on the surface (_____ **zone**) where the sun can reach down to about 600 feet (200m).

17. The _____ **zone** includes the shallow, warmer waters along the coast.

18. Between the ocean, land and freshwater habitats, the biosphere is broken down into _____.

19. A biome's location on Earth depends upon the _____ (rainfall amounts and temperature).

20. The rainforest is another biome that is rich in plant, animal and other life (_____) due to its warm temperatures and abundant rainfall.

21. Some wildlife of the American desert burrows underground to escape daytime heat and are instead are active at night (_____).

**Vocabulary
Bank:**

aquifers

atmosphere

biodiversity

biomes

biosphere

climate

coastal zone

evaporates

exosphere

geosphere

glaciers

gravity

hydrosphere

mesosphere

nocturnal

oceans

photic zone

stratosphere

tectonic

thermosphere

troposphere