**The Biosphere and Biomes**

Multiple Choice

1. Present the statement about the biosphere that is true.
2. The biosphere contains the whole universe.
3. The biosphere only contains bacteria.
4. The biosphere contains all life on Earth.
5. The biosphere is one part of an ecosystem.
6. Present the statement about the biosphere that is true.
7. The biosphere does not include the ocean.
8. The biosphere includes the land, water and air.
9. The biosphere includes other planets.
10. The biosphere does not include organisms.
11. Name the highest level of ecological organisation.
12. Community
13. Population
14. Biosphere
15. Biome
16. Name the lowest level of ecological organisation.
17. Organism
18. Population
19. Biome
20. Biosphere
21. Name a group of organisms of the same species.
22. Ecosystem
23. Community
24. Population
25. Organism
26. Name a group of several populations of different species.
27. Organism
28. Ecosystem
29. Biosphere
30. Community
31. In the last lesson, we looked at what an ecosystem is.

State where the ecosystem level fits into the organisation of life on Earth.

1. Below the community level.
2. Below the biome level.
3. Below the organism level.
4. Below the population level.
5. A biome is defined as a specific section of the biosphere, characterised by particular organisms and common weather patterns. It may contain many separate (but similar) ecosystems.

Identify which of the following would be an example of a biome.

1. Oasis
2. Earth
3. Desert
4. Camel
5. Identify which of these is an example of an aquatic biome.
6. Forest
7. Shower
8. Ocean
9. Tundra

Which is the correct answer?

1. **Circle the correct answer.**

Ecosystems in the desert biome are characterised by **dry/wet/cold** climates and organisms adapted for **conserving water/breathing under water/ seeing in the dark**.

1. **Circle the correct answer.**

Ecosystems in the rainforest biome are characterised by **cold/ wet/ dry** climates and organisms are adapted for **navigating around trees/producing electricity/ breathing under water.**

1. **Circle the correct answer.**

The biosphere is the place where all **animals/life/plants** exists.

Biomes are regions which share common **weather/rain/sun** patterns and similar organisms.