***Direct questions:***

***Instruction n° 1:***

Use the meanings given below to find matching prefixes / suffixes, in order to create the corresponding word.

1. Find the prefix / suffix to match the meanings.
2. Combine the prefix / suffix and any “left-overs” to make your word.

*Ps: there may not always be a prefix and a suffix.*

Example: **a bacteria killer** – cide means killer so the term is **bactericide**.

1. The study of the interactions of organisms with their physical environment (abiotic) and with one another (biotic).
2. An organism that takes energy from dead or waste organic matter.
3. All living and non-living things in a designated area or land.
4. First organisms to eat producers (herbivore).
5. The process of destroying a forest and replacing it with something else, especially with agricultural system.
6. A branch of ecology that focuses on the study of ecological communities and populations.
7. Green pigment that is found in the chloroplasts of plants and in other photosynthetic organisms.
8. Any organism that can synthesize its food from inorganic substances, using heat or light as a source of energy.
9. The part of the Earth’s crust, water, and atmosphere that supports life.
10. The living together of two organisms of different species.

***Instruction n° 2:***

Use your prefix-suffix list to make meaning of the following words.

1. Underline the prefix, circle the suffix. (2) write out the meaning of each word.

*Ps: there may not always be a prefix and a suffix.*

Example: **Biology**– bio means related to life while logy means the study of so the term biology simply means **the study of life**.

* Decomposers:
* Ecosystem:
* Biotic components:
* Omnivore:
* Biomass:
* Recycling:
* Evolution:

***Multiple choice Questions:*** Put a √ next to the right answer.

1. The non-living parts of the ecosystem are called:

* Biotic factors
* Environmental factors
* Climate factors
* Abiotic factors

1. Any group of organisms, usually of a single species, occupying a given area at the same time:

* Population
* Community
* Habitat
* Environment

1. The contamination of the atmosphere by noxious gases and particulates:

* Industrial pollution
* Land pollution
* Water pollution
* Air pollution

1. A term describing an organism that consumes plants as food:

* Carnivore
* Omnivore
* Herbivore
* Detrivore

1. The science concerning bodies of fresh water is called:

* Synecology
* Ecology
* Limnology
* Marine Biology

1. What is biodiversity?

* Diversity among and within plant and animal species
* Contraction of biological diversity
* The variety of living species on Earth
* The variety and variability of life on Earth

1. The process of using organisms to neutralize contamination from waste is known as:

* Biomagnification
* Bioremediation
* Biosynthesis
* Bioenrichment

1. An organism requiring organic compounds for its principal source of food:

* Autotropic
* Heterotroph
* Autotroph