

Exercises on concept 1.3 Lesson 1

Choose the correct answer:

1. The Sun provides the Earth with

.....

- a. light only
- b. warm only
- c. light and warm
- d. light and sound.

2. On extreme hot climate, the water of a lake

.....

- a. increases due to evaporation
- b. decreases due to evaporation
- c. changes into ice.
- d. has a lower temperature.

3. All the following factors pollute the water, except

- a. Sunlight
- b. animals wastes.

c. human wastes.

d. plastic garbage

4. If the amount of grasses increases in an ecosystem, this directly increases the number of

a. caracals.

b. Hawks

c. Rabbits

d. lions.

5. When the number of, the amount of grasses in an ecosystem increases.

a. producers decreases

b. decomposers decreases

c. primary consumers increases

d. secondary consumers increases

6. Overfishing and throwing plastic garbage in the sea affect the survival of directly.

a. marine organisms

b. desert organisms

c. rainforest organisms

d. rodents

7. All the following are human activities that affect a marine ecosystem, Except

a. Flooding

b. throwing human wastes.

c. Overfishing

d. throwing plastic garbage

8. When there is a gentle rain in a desert ecosystem, this ecosystem may be

a. Harmed

b. improved.

c. Destroyed

d. not changed.

9. All the following are top predators, except

.....

a. Hawks

b. Tigers

c. butterfly fish.

d. lions.

10. The marine food web usually starts with

.....

- a. clam.
 - b. algae.
 - c. zooplankton.
 - d. parrotfish.
11. If clams are completely removed from a marine ecosystem, the survival of..... May be affected.
- a. Triggerfish
 - b. Sharks
 - c. sea urchin
 - d. sea stars

Put (✓) or (X):

1. If producers were removed from an ecosystem, the primary consumers will need to move away. ()
2. Overfishing is one of the human activities that affects the marine ecosystem. ()

3. What is happening on land doesn't affect what is happening in marine ecosystem. ()
4. Food webs don't change if their surrounding environments get changed. ()
5. If we introduce a new predator to an ecosystem, this ecosystem will be affected. ()
6. If there is a heavy rain in a desert ecosystem, it will be harmed. ()
7. Zooplankton can make their own food by photosynthesis process. ()
8. In a marine food web, there are many top predators like sea star and Sea urchin. ()
9. Top predators are decomposers that present at the top of food chains. ()

Study the following food chain in an ecosystem, then complete the table below:



Grasses



Rabbit



Fox