

Life on the Earth

I. Choose the correct answer

Question 1.

Name the largest terrestrial community of plants and animals in interaction with the environment

- (a) biome
- (b) forest
- (c) ecosystem
- (d) none of these

▼ [Answer](#)

Answer: (a) biome.

Question 2.

Name the famous animal of savanna of Australia

- (a) monkey
- (b) giraffe
- (c) kangaroos
- (d) none of these

▼ [Answer](#)

Answer: (c) kangaroo

Question 3.

Which biome supports the greatest variety of hoofed herbivore species?

- (a) savanna
- (b) tropical Savanna
- (c) taiga
- (d) tundra

▼ [Answer](#)

Answer: (b) tropical Savanna.

Question 4.

The other name of Mediterranean scrub forest is

- (a) chapparal
- (b) prairies
- (c) grassland
- (d) none of these

▼ [Answer](#)

Answer: (a) chapparal.

Question 5.

Name the grassland of South Africa

- (a) steppes
- (b) prairies
- (c) chapparal
- (d) velds

▼ [Answer](#)

Answer: (d) velds

Question 6.

Name the tropical forest in India

- (a) tundra
- (b) tarai
- (c) steppes
- (d) none of these

▼ [Answer](#)

Answer: (b) tarai.

Question 7.

The sun-loving woody climbers on trees, espically in tropical rain forests are known as

- (a) lianas
- (b) grassland
- (c) velds
- (d) tarai

▼ [Answer](#)

Answer: (a) lianas.

Question 8.

The interacting system of the biotic community and the physical environment is known as

- (a) ecosystem
- (b) biosphere
- (c) biome
- (d) none of these

▼ [Answer](#)

Answer: (a) ecosystem.

Question 9.

Name the multicellular animal consumers

- (a) animalia
- (b) annelida
- (c) homosapiens
- (d) none of these

▼ [Answer](#)

Answer: (a) animalia.

Question 10.

The imbalance in ecosystem is caused by

- (a) man
- (b) natural disasters
- (c) both of these
- (d) none of these

▼ [Answer](#)

Answer: (c) both of these.

Question 11.

Give the name to the negative interaction of organisms within the biotic environment:

- (a) succession
- (b) competition
- (c) interrelation
- (d) none of these

▼ [Answer](#)

Answer: (b) competition.

Question 12.

The mutually beneficial association of two dissimilar organisms is known as

- (a) mutualism
- (b) food web
- (c) pyramid
- (d) food chain

▼ [Answer](#)

Answer: (a) mutualism.

Question 13.

What name is given to the network of food chains?

- (a) pyramid
- (b) tropical levels
- (c) food levels
- (d) food web

▼ [Answer](#)

Answer: (d) food web.

Question 14.

Name the second order consumers like tiger which depend on flesh for food

- (a) herbivores
- (b) carnivores
- (c) producers
- (d) none of these

▼ [Answer](#)

Answer: (b) carnivores.

Question 15.

The green plants which produce carbohydrates by photosynthesis are known as

- (a) producers
- (b) herbivores
- (c) both of them
- (d) none of them

▼ [Answer](#)

Answer: (a) producers.

Question 16.

Each step in the food chain of organisms is known as

- (a) trophic level
- (b) pyramid
- (c) food chain
- (d) none of these

▼ [Answer](#)

Answer: (a) trophic level.

Question 17.

Name the multicellular decomposers

- (a) algae
- (b) fungi
- (c) mosses
- (d) none of these

▼ [Answer](#)

Answer: (b) fungi.

Question 18.

The shallow zone of life at the earth's surface is known as

- (a) atmosphere
- (b) biosphere
- (c) hydrosphere
- (d) none of these

▼ [Answer](#)

Answer: (b) biosphere.

Question 19.

Which one is the geochemical element of the biosphere?

- (a) nitrogen
- (b) oxygen
- (c) carbon
- (d) all of these

▼ [Answer](#)

Answer: (d) all of these.

Question 20.

Which element is the essential constituent of amino acids, nucleic acids, proteins, etc.?

- (a) oxygen
- (b) carbon
- (c) nitrogen
- (d) none of these

▼ [Answer](#)

Answer: (c) nitrogen.

Question 21.

By which process the bacteria converts nitrates into free nitrogen

- (a) nitrification
- (b) photosynthesis
- (c) nitration
- (d) denitrification

▼ [Answer](#)

Answer: (d) denitrification.

Question 22.

All living organisms maintain circulation of water in solid, liquid or gaseous state, referred to as

- (a) hydrologic cycle
- (b) carbon cycle
- (c) oxygen cycle
- (d) water cycle

▼ [Answer](#)

Answer: (a) hydrologic cycle.

Question 23.

How many types of biogeochemical cycles are there?

- (a) three
- (b) two

- (c) four
- (d) none of these

▼ [Answer](#)

Answer: (b) two.

Question 24.

Name the main by-product of photosynthesis

- (a) carbon
- (b) hydrogen
- (c) oxygen
- (d) water

▼ [Answer](#)

Answer: (c) oxygen.

Question 25.

Oxygen combines with nitrogen to form

- (a) nitrates
- (b) nitrogen oxide
- (c) both of them
- (d) none of these

▼ [Answer](#)

Answer: (c) both of them.

II. Fill up the blanks with suitable words

Question 1.

The is made up of and elements.

▼ [Answer](#)

Answer: environment, abiotic, biotic

Question 2.

Ecosystems are of two types, and

▼ [Answer](#)

Answer: terrestrial, aquatic

Question 3.

Ecology is the study of earth as a of plants, animals and

▼ [Answer](#)

Answer: household, micro-organisms

Question 4.

..... can be classified as marine and freshwater.

▼ [Answer](#)

Answer: Aquatic ecosystem

Question 5.

Biotic factors include the producers,,, and the

▼ [Answer](#)

Answer: primary consumers, secondary consumers, tertiary consumers, decomposers

Question 6.

Transfer of energy that occurs during the process of a food chain from one level to another is known as

▼ [Answer](#)

Answer: flow of energy

Question 7.

This inter-connecting network of species is known as

▼ [Answer](#)

Answer: food web

Question 8.

..... occur in eastern North America, north eastern Asia and in western and central Europe.

▼ [Answer](#)

Answer: Temperate forests

Question 9.

Temperate grasslands are called

▼ [Answer](#)

Answer: Steppes

Question 10.

..... of ocean water provides precipitation.

▼ [Answer](#)

Answer: Evaporation
