

**Class: IX**

**Subject: Biology**

**Topic: Natural Resources**

**No. of Questions: 20**

**Duration: 60 Min**

**Maximum Marks: 60**

1 Biotic components of biosphere is not constituted by

- a) Producers
- b) Consumers
- c) Decomposers
- d) Air

SOL: D

2 Molecules of carbohydrate, fats, proteins contain

- a) Carbon
- b) Bromine
- c) Chlorine
- d) All of these

SOL: A

3 Major source of mineral in soil is the

- a) Parent rock from which soil is formed
- b) Plants
- c) Animals

d) Bacteria

SOL: A

4 Hydrological cycle is under the control of

a) Grasslands

b) Forests

c) Planktons

d) Epiphytes

SOL: B

5 CFCs cause Depletion of ozone layer

a) Depletion of ozone layer

b) Depletion of CO<sub>2</sub>

c) Acid rain

d) Carbon monoxide poisoning

SOL: A

6 Which component of soil makes it porous

a) Humus

b) Mineral

c) Water

d) Living organisms

SOL: A

7 Ozone ( $O_3$ ) is formed in which zone of atmosphere

- a) Mesosphere
- b) Stratosphere
- c) Troposphere
- d) Ionosphere

SOL: B

8 Drip irrigation is a device

- a) To recharge the ground water
- b) To reduce wastage of water
- c) To prevent water pollution
- d) All of them

SOL: B

9 A lake with an inflow of domestic sewage rich in organic waste may result in

- a) Drying of the lake due to algal bloom
- b) An increased production of fish due to a lot of nutrient
- c) Death of fish due to lack of oxygen
- d) Increased population of aquatic food web organisms

SOL: C

10 Which of the following is a renewable resource?

- a) Wood
- b) Wildlife
- c) Forests
- d) All of the above

SOL: D

11 Smog is a combination of

- a) Fire and water
- b) Smoke and fog
- c) Water and smoke
- d) Air and water

SOL: B

12 Which one of the following is not a biotic natural resource?

- a) Water
- b) Milk
- c) Fruits
- d) Fish

SOL: A

13 Of the total fresh water available on earth, what percentage is in frozen state?

- a) 90%
- b) 77%
- c) 22%
- d) 10%

SOL: B

14 The most exploited non-renewable resource is

- a) Water
- b) Petroleum
- c) Electricity
- d) All of the above

SOL: D

15 Oxygen is harmful for

- a) Ferns
- b) Nitrogen fixing bacteria
- c) Chara
- d) Mango tree

SOL: B

16 Which one of the following processes is not a step involved in the water cycle operating in nature?

- a) Evaporation
- b) Transpiration
- c) Precipitation
- d) Photosynthesis

SOL: D

17 Which step is involved in carbon cycle?

- a) Photosynthesis
- b) Transpiration
- c) Respiration
- d) Burning of fossil fuels

SOL: B

18 Top soil contains

- a) Humus and living organisms only
- b) Humus and soil particles only
- c) Humus, living organisms and plants
- d) Humus, living organisms and soil particles

SOL: D

19 An increase in carbon dioxide content would not cause

- a) More heat to be retained by the environment
- b) Increase in photosynthesis in plants
- c) Global warming
- d) Abundance of desert plants

SOL: D

20 The current carbon dioxide concentration of atmosphere is

- a) 300 ppm
- b) 345ppm
- c) 387 ppm
- d) 423 ppm

SOL: C