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class - 9 'A'

Subject - Environment

A Short Question Answer

1

→ Lithosphere is the outer mantle of the solid earth.

2

→ A substance that pollutes something, especially water or the atmosphere is called pollutant

3

→ Oligotrophic . is the lake which have low nutrient value.

4

→ Methane greenhouse gas is released from livestock ~~from livestock~~ farming.

5

→ The altitude of mesosphere is about 50 to 85 km

6

→

7

→ Ecology is the important branch of science which deals with the study of the biotic component and their relation to the environment and abiotic components.

8

→ Any two examples of decomposers.

- Fungi

- ~~bacteria~~

- Bacteria

9

→ Mutualisms are defined as interactions between organisms of two different species.

10

→ ~~The Any two ex.~~

→ The names of two natural greenhouse gases.

- carbon dioxide

- Methane

11

→ Any two effects of ozone layer depletion on human health.

- skin cancer

- eye ~~cataracts~~ cataracts.



12  
→

natural  
genetic diversity is  
very high

artificial  
genetic diversity is  
very low.

13  
→

Atmosphere is the layer of gas  
surrounding the earth.

14

→ Any two example of physical environment  
are:-

→ Water

- Land

15

→ A ecological pyramid is a short of  
graphical representation showing  
relationship between different trophic  
level of a community.

16

→

weather

- It reflect short  
term conditions of  
atmosphere

climate

- It is the average  
daily weather for an  
extended period of  
time at a certain  
location.



17

→ Environment means the external surrounding which influences the development or growth of people, animals or plant.

18

→ Light is called the limiting factor because an increase in light causes an increase in photosynthesis.

19

→ Pesticides are those substances that are used to control pests.

20

→ eutrophication is the process in which a water body becomes overly enriched with nutrients leading to plentiful growth of simple plant life.

### Group B

1

→ Water is an inorganic, transparent, tasteless, colourless, substance where the importance of water for living beings are:-

- ~~water~~ water helps in blood circulation.
- water is essential for the digestive system.
- It keeps body healthy.
- Water cushions the spinal cord.



- It hydrates skin.

2  
→ Ozone is an inorganic molecule with the ~~can~~ chemical formula  $O_3$

Stratospheric ozone is formed naturally through the interaction of solar ultraviolet (UV) radiation with molecular oxygen ( $O_2$ ). The ozone layer approximately 8 through 30 miles above the Earth surface reduces the amount of harmful UV radiation reaching the Earth surface.

3  
→ Ozone layer depletion means less protection from the sun's rays and more exposure to UVB rays radiation at the earth surface.

Any four effect of ozone layer depletion on environment are:-

- It destroy the biological processes.
- It causes melting of ice in himalayan region causing massive floods
- Rapid climate change
- Death of many plants and animals

4  
→ deforestation is the permanent removal of trees to make room for ~~farm~~ something beside forest. It causes global warming are:-

6  
→ Fresh water ecosystem are a subset of Earth's aquatic ecosystem. It includes lentic, lotic, wetland. Any four importance of Fresh water ecosystem are as follows:-  
- It is important for drinking



S

⇒ The five mitigation measures to control climate change are as follows:-

- Putting price on carbon
- Build low carbon resilient cities
- Ending fossil fuel subsidy
- Increase energy efficiency and uses of renewable energy.