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9) The objective of environmental education is -

Ans: d) All of the above

10) Which of the following is not influenced by human activities?

Ans: d) None of the above

11) The atmosphere extends upto a height of about 10,000 km. It is divided into the following four thermal layers.

Ans: b) Stratosphere

12) The correct sequence of these layers starting from the surface of the Earth upward is

Ans: b) 4, 2, 1, 3

13) Weather occurs in the Earths -

Ans: a) Troposphere

14) Biomedical waste may be disposed of by?

Ans: d) Both (b) and (c)

15) Which of the following is a likely characteristic of hazardous waste?

Ans: d) Any of the above

16) Sound becomes hazardous noise pollution at decibels -

Ans: a) Above 80

ix) Noise is :-

Ans:- Unwanted Sound

x) Which of the following is not a marine pollutant?

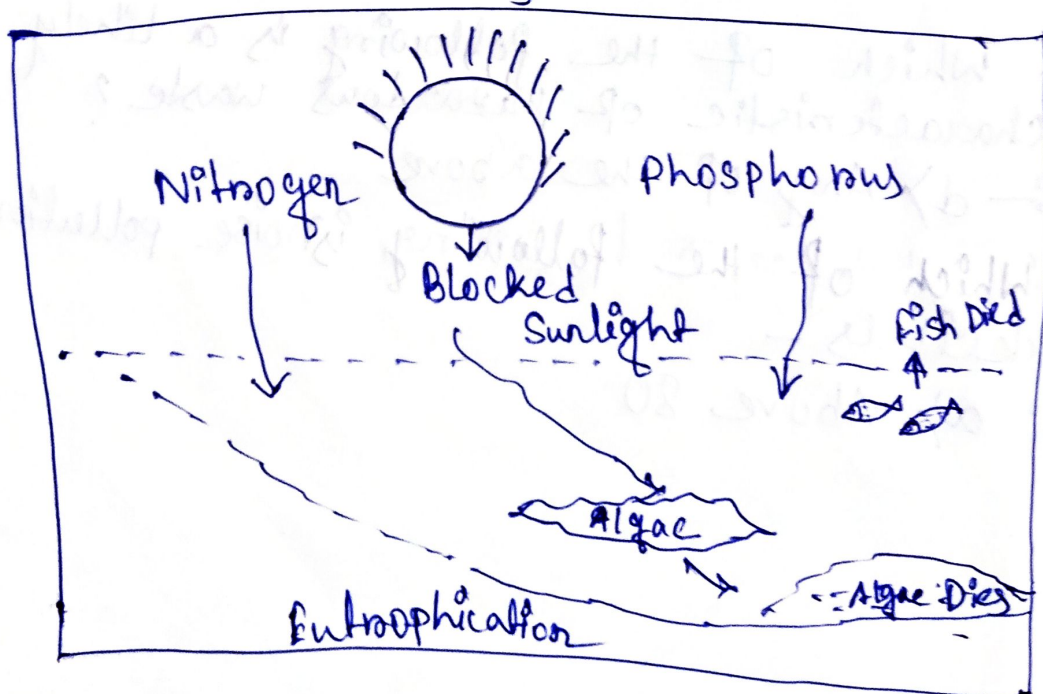
Ans:- c) Dissolved Oxygen

ix) Which of the following conceptual components of the environment are effective transporters of matter?

Ans: a) atmosphere and hydrosphere

a) What is Eutrophication? Explain with diagram.

Ans: Eutrophication is the process in which a water body becomes overly enriched with nutrients, leading to plant growth or simple plant life.



* Cause of Eutrophication:-

The availability of nutrients such as nitrogen & phosphorus limits the growth of the plant life in an ecosystem.

There are 2 types of Eutrophication:-

- i) Anthropogenic Eutrophication
- ii) Natural Eutrophication

Effects:-

- i) Gelatinous zooplankton blooms fast in these water
- ii) Depletion of dissolved oxygen in the water body.
- iii) The population of selfish & harvestable fish are lowered.

b) Define Ecosystem & Describe Components.

Ecosystem is a group of community composed of living & non-living things & their interactions with each other.

The can be natural as well as artificial.

* Component of Ecosystem.

- Biotic Components:- Biotic components are the living things that have a direct or indirect influence on other organism in an environment.

Example:- Plants, animals and microorganisms & their waste materials.

- Abiotic Components:- Abiotic components of an ecosystem include all chemical & physical elements be non-living components. It can vary region to region.