

Who developed the concept of determinism ? **(4) Alexander von Humboldt**

Which of the following is not one of the seventeen Sustainable Development Goals ? **(3) Gender Equity**

Which one of the following is a human modified environment ? **(3) Crop fields**

Which one of the following refers to a position in the food chain ? **(3) Trophic**

In the biosphere water component is known as : **(4) Hydrosphere**

Sulphur cycle is an example of : (3) both gaseous and sedimentary cycle Secondary consumers are : **(3) carnivores**

In coniferous forest the soil is : **(1) acidic and mineral deficient**

Chameleons, agamids and geckos are found in : **(4) tropical rainforest**

Which one of the following species excretes very concentrated urine and does not use water for temperature regulation and can live in the desert without drinking water ? **(1) Camel**

Unattached aquatic organism which lives at the air-water interface is known as : **(3) Neuston**

What is the percentage of fresh water where global distribution of water resources is considered ? **(1) Less than 3%**

Which one of the following is a non-renewable resource ? **(3) Mineral deposits**

The average salinity of sea water is : **(2) 3.5%**

Which of the following is not achieved by addition of manure ? **(4) Decrease in soil salinity**

Which one of the following is not a part of supporting ecological systems and processes function of forest ?

(3) Reduces the intensity of cyclones and floods

Which one of the following is a consequence of deforestation ?

(1) Increase in soil erosion due to reduction in vegetation

Which one of the following is not a Non-Timber Forest Product (NTFP) ? **(3) Firewood**

Which one of the following statements about the biodiversity in India is correct ?

(3) Western Ghats have a very high degree of species richness and endemism.

An ecosystem with higher diversity will be : **(1) more complex, stable and resistant**

Which of the following animals are exclusively found in Brahmaputra Valley ? **(2) Rhinoceros**

Which of the following is not a biodiversity hotspot ? **(3) The Nicobar Group of Islands**

What percentage of energy needs of India are met by the natural gas ? **(4) About 5%**

Sludge gas largely consists of : **(3) methane**

Which one of the following is not a non-conventional source of energy ? **(1) Fossil fuel**

Which of the following is not an adverse effect of the construction of major dams in India ?

(4) Increase in the groundwater level of the surrounding region

Fostering is a useful technique for conservation which has been found successful in : **(2) Black-footed ferret**

Mangroves in the coastal areas work against erosion by acting as : **(3) natural bulwark**

Which of the following is not an invasive species in India ? **(4) Neem tree**

Buffer zone plays a significant role in the preserved areas. Which one of the following is not an important function of the buffer zone ? **(4) Hunting is permitted in this zone.**

The size of Respirable Suspended Particulate Matter (RSPM) is : **(3) 1 – 20 μ m**

_____ is the phenomenon of increase in the concentration of pollutants from one link in a food chain to another. **(1) Biological concentration**

Which one the following is a primary pollutant ? **(4) Sulphuric acid**

High level of BOD indicates : **(4) decreasing levels of dissolved oxygen in water**

Underground disposal is preferred for the disposal of : **(2) radioactive nuclear wastes**

Read the below given statements about the single-use plastics and choose the correct options.

(1) (i) and (ii) are correct

Eutrophication in water bodies is caused by : **(1) phosphates and nitrates**

Which of the following is not true for Chlorofluorocarbons (CFCs) ?

(4) They are unaffected by UV radiation in upper atmosphere.

Which one of the following is used to measure the concentration of ozone ? **(3) Dobson**

What is the approximate percentage of solar radiation which is absorbed by the atmospheric gases ? **(1) 10%**

The provision for environmental protection in our Constitution was made in the year : **(1) 1976**

When was the Wildlife Protection Act enacted ? **(4) 1972**

Which one of the following is not one of seventeen categories of polluting industries identified by the Central Pollution Control Board ? **(3) Food processing**

Projected world population by 2100 would be : **(3) 12.2 billion**

45. Match the following : Environmental Influence Category **(3) (a)–(iii), (b)–(iv), (c)–(ii), (d)–(i)**

Which one of the following areas in India does not fall under seismic zone ?

(4) Bundelkhand region of Uttar Pradesh and Madhya Pradesh

Chandi Prasad Bhatt was associated with : **(3) Chipko Movement**

The teaching that all living organisms have values and rights regardless of whether they are useful or not refers to :
(1) Biocentrism

Using English only material for communication to non-English speaking communities is an example of :
(1) social inequity

50. Which one of the following is not an ENVIS Centre ? **(4) Madras Institute of Development Studies (MIDS), Chennai**

World Commission on Environment and Development was chaired by : **(2) Gro Harlem Brundtland**

Which one of the following is a decomposer ? **(4) Fungi**

Which one of the following is not one of the priority areas for achieving sustainable development goals?
(3) Zero pollution

The main sulphur reservoir in the sulphur cycle is present in the : **(1) soil**

Level IV of the trophic level could be occupied by : **(3) grasshopper**

In the biosphere, the main land component is known as : **1) lithosphere**

Identify the following types of food chain : Goat Nematodes Saprotrophic bacteria **(1) detritus food chain**

The discipline of public health was established in Europe after : **(1) 1642**

The occurrence of may take place when sea water in the tropical belt gets heated above 27°C and low pressure areas developed above the water levels. **(2) cyclones**

Floods in which two countries results in two-third of total deaths caused by floods : **(1) India and Bangladesh**

The natural defence against tsunamis is : **(1) mangrove forest**

In MAB programme run by UNESCO, MAB stands for : (3) Man and the Biosphere Seed bank is the example of :
1) ex-situ conservation

A wide diversity in species composition indicates that ecosystem is : **1) very unstable and species may collapse soon**

The fostering technique has been used to conserve : **Whooping crane**

The unattached organisms in an aquatic ecosystem which live at the interface of air-water are known as: **neuston**

Brackish water ecosystems include : **estuaries and mangroves**

The average salinity in sea water is about : **3.5%**

Which of the following is open or heterotrophic system ? **Pond**

Approximately 50% of the total world species are present in **tropical rain forests**

Genetic diversity is related to : **(3) diversity in number and type of genes**

Biodiversity hotspots are regions of high : **(2) endemism**

Which one of the following statements about biodiversity is not true ?

(3) Vertebrates are the most abundant life forms on earth.

Ravine is formed due to : **(3) soil erosion**

Finer particles in waste water can be made to settle by using : **(3) Caustic soda**

What percentage of global freshwater is available in the liquid form ? **(2) 10%**

Which of the following is not achieved by addition of manure ? **(3) Decrease in soil salinity**

Which of the following sources of energy is non-conventional? **(4) Atomic energy**

Which of the following regions in India is the highest producer of mineral oil? **(1) Upper Assam**

Economic development leads to declining growth rates of per capita energy demand in which of the following ?

(2) Residential sector

'Sludge gas' largely consists of : **(4) methane**

Intergovernmental Panel on Climate Change (IPCC) was established in : **(3) 1988**

33. Which one of the following is not responsible for acid rain ? **(4) CFCs**

34. Which one of the following is not a part of Eight National Missions for climate change ?

(3) National Mission for Hunger and Poverty Eradication

Basel convention is largely related to : **(2) hazardous waste management**

The main function of National Green Tribunal is :

(1) effective and expeditious disposal of cases on environmental issues.

The Air (Prevention and Control of Pollution) Act was amended in: **(3) 2000**

Which toxic gas was released from chemical plant during Bhopal Gas Tragedy? **(3) Methyl isocyanate**

Which one of the following is a primary pollutant? **(2) Sulphur dioxide**

Which one of the following is responsible for depletion of oxygen in water causing harm to aquatic life?

(2) Human sewage

What would be the best method for disposal of radioactive nuclear waste? **(2) Underground disposal**

Which one of the following is not a biological method of waste treatment? **(1) Conditioning**

Which of the following is not a factor requiring new set of ethics for the environment? **(4) Expanding moral concerns**

Which one of the following statements related to economic significance of forest is not correct?

(4) Fruits, leaves, roots and tubers of the plants form the food of forest tribes.

Which one of the following is not one of the causes of deforestation? **(4) Rise in carbon dioxide in the atmosphere**

India needs about percentage of its total area under forest to meet the ecological and economic needs.

(3) 40

Which of the following animals excretes very concentrated urine ?

(1) Camel

The attitude which assigns significantly greater value to human being than any other non-human organisms is known as : **(2) Anthropocentrism**

Which one of the following is not an ENVIS Centre ? **(3) Society for Development Alternatives, New Delhi**

MPN test is used to detect : **(1) E. coli**