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Q1. Evergreen rain forest is mainly found in regions having well distributed annual rainfall

- a) More than 200 cm
 - b) 50-100 cm
 - c) 100-200 cm
 - d) Below 50 cm
-

Q2. The word Biosphere refers to :

- a) Zone of water on earth which can support life.
 - b) Part of earth surface which can support the flora
 - c) Parts of air around earth a where life can exist
 - d) Zone of soil, water and air around earth capable of supporting the flora and fauna.
-

Q3. Tropical rain forest is characterised by

- a) Minimum biodiversity
 - b) Least productivity
 - c) Maximum biodiversity
 - d) Absence of trees
-

Q4. Which of the following phenomena is supposedly associated with global warming?

- a) Southern Oscillation
- b) La Nina

c) El Nino Modoki

d) El Nino

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Q5. “Tidal forest” is otherwise called :

a) Coniferous forest

b) Monsoon forest

c) Mangrove forest

d) Evergreen forest

Q6. The cause of loss of forest cover is

a) Tourism & pilgrimage

b) Building Industry

c) Increasing population

d) Agriculture

Q7. An ecosystem consists of :

a) carnivorous and herbivorous of an area

b) all the plants and animals of an area.

c) a living community and its environment.

d) producers, consumers and decomposers in a particular area.

Q8. In _____ forests, trees shed their leaves in a particular season.

a) thorny

b) mangrove

- c) deciduous
 - d) evergreen
-

Q9. With what bio-region is the term “Steppe” associated ?

- a) Coniferous forests
 - b) Tropical forests
 - c) Savanna
 - d) Grasslands
-

Q10. Snakes and vultures are eating rats in a field. If wild dogs are let into the field, what will be the immediate result ?

- a) Increase in the number of snakes.
 - b) Decrease in the number of vultures
 - c) Decrease in the number of rats
 - d) Decrease in the number of snakes
-

Q11. Which one of the following is a greenhouse gas?

- a) Ozone
 - b) Nitrogen
 - c) Carbon-di-Oxide
 - d) Oxygen
-

Q12. The sphere of living matter together with water, air and soil on the surface of the earth is known as

- a) Atmosphere
- b) Biosphere
- c) Hydrosphere
- d) Lithosphere

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Q13. Which of the following is a renewable resource ?

- a) Forests
- b) Mineral oil
- c) Natural gas
- d) Coal

Q14. The maximum biodiversity is found in

- a) Arctic forest
- b) Temperate forests
- c) Coniferous forests
- d) Tropical rain forests

Q15. Rubber plantations are found in

- a) Equatorial regions
- b) Mountain regions
- c) Polar regions
- d) Temperate forests

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Answers to the above questions :

Q1. Answer: (a)

Tropical evergreen forests are usually found in areas receiving more than 200 cm of rainfall and having a temperature of 15 °C to 30 °C.

They occupy about seven per cent of the Earth's land surface and harbour more than half of the world's plants and animals.

Q2. Answer: (d)

Biosphere refers to that portion of the Earth which is occupied by the various forms of life, in addition to the three main physical zones, the Lithosphere, the Hydrosphere and the Atmosphere.

Q3. Answer: (c)

Tropical rainforests exhibit high levels of biodiversity. Around 40% to 75% of all biotic species are indigenous to the rainforests.

Rainforests are home to half of all the living animal and plant species on the planet. Two-thirds of all flowering plants can be found in rainforests.

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Q4. Answer: (d)

El Niño is an irregularly periodical variation in winds and sea surface temperatures over the tropical eastern Pacific Ocean.

Scientists have found an association between El Nino and global warming since El Nino events cause short-term spikes in global average surface temperature.

For example, an increase in the frequency and magnitude of El Niño events have triggered warmer than usual temperatures over the Indian Ocean.⁵

Q5. Answer: (c)

Tidal forest is also called Mangrove forest.

Q6. Answer: (c)

Deforestation is a consequence of a quantum jump in population and the consequent over-exploitation of our natural ecosystems for space, energy and materials. Expanding agriculture due to a burgeoning population base is one of the most important causes of deforestation.

As demands on agricultural products rise more and more land is brought under cultivation for which forests are cleared, grass-lands ploughed, uneven grounds levelled, marshes drained and even land underwater is reclaimed.

Q7. Answer: (c)

An ecosystem consists of communities of many different species living together, and all the the physical aspects of the particular habitat, such as like soil, water, and weather.

Q8. Answer: (c)

Deciduous means “falling off at maturity” “ or “tending to fall off”. It is typically used in order to refer to trees or shrubs that lose their leaves seasonally most commonly during autumn and to the shedding of other plant structures such as petals after flowering or fruit when ripe.

Common examples of deciduous trees include oak, maple, and hickory trees.

Q9. Answer: (d)

The Steppe is a dry, cold, grassland that is found in all of the continents except Australia and Antarctica. It is mostly found in the USA, Mongolia, Siberia, Tibet and China. is usually found between the desert and the forest.

Q10. Answer: (c)

There will be a decrease in the number of rats simply because rat is a prey to all the three of them and this leads to just a single conclusion that there is decrease in the number of rats.

Q11. Answer: (c)

A greenhouse gas (sometimes abbreviated GHG) is a gas in an atmosphere that absorbs and emits radiation within the thermal infrared range. This process is the fundamental cause of the greenhouse effect. The primary greenhouse gases in the Earth's atmosphere are water vapour, carbon dioxide, methane, nitrous oxide, and ozone.

Q12. Answer: (b)

Part of the Earth's surface and atmosphere that contains the entire terrestrial ecosystem, and extends from ocean depths to about six kilometers above sea level. Not precisely demarkable, it contains all living organisms and what supports them soil, subsurface water, bodies of water, air and includes hydrosphere and lithosphere.

Q13. Answer: (a)

Forest is a renewable resource.

Q14. Answer: (d)

Most of the terrestrial diversity is found in tropical rainforests. As per an estimation, these forests account for around 40% to 75% of all biotic species and are home to half of all the living animal and plant species on the planet.

A single hectare of rainforest may contain 42,000 different species of insect, up to 807 trees of 313 species and 1,500 species of higher plants.

Q15. Answer: (a)

The rubber plant grows wild in the equatorial regions of the world which are marked by rainfall of around 250 cm evenly distributed without any marked dry season and with at least 100 rainy days per year; temperature range of about 20°C to 34°C with a monthly mean of 25°C to 28°C; and high atmospheric humidity of around 80%.

The three largest producing countries, Thailand, Indonesia and Malaysia, together account for around 72% of all-natural rubber production.

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