

GREEN OLYMPIAD

Sample Paper Level – II (Classes 6, 7 & 8) Theme: Environment & Sustainable Development

1. Commonly known as “rainforests of the sea,” coral reefs are now under massive bleaching, which is attributed to which of the following reason/s?
 - a. Rise in CO₂ level
 - b. Rise in temperature of the sea
 - c. Both
 - d. None of the above
2. Which flightless birds are found on the continent of Antarctica?
 - a. Masked booby
 - b. Brown headed gulls
 - c. Penguins
 - d. Crakes
3. Mercury occurs naturally on the earth’s crust. It is released into the environment by volcanic activity, weathering of rocks, and also human activity. Which neurological disorder is caused by mercury poisoning?
 - a. Bright’s disease
 - b. Hiroshima disease
 - c. Minamata disease
 - d. Osteosclerosis
4. Which of the following best describes the geological formation of an aquifer?
 - a. Does not contain water
 - b. Contains water but does not transmit
 - c. Is a rock outcrop
 - d. Contains and transmits water
5. The Four Pests Campaign of China was initiated in 1958 as a hygiene campaign aimed at eliminating the four common pests, three of which were rats, flies, and mosquitoes. The extermination of the fourth had upset the ecological balance and enabled crop-eating insects to proliferate. Identify the fourth pest.
 - a. Bees Olympiad
 - b. Silkworm
 - c. Bedbugs
 - d. Sparrow

6. A rainforest has four layers. Which layer lies below the emergent layer?
 - a. Forest floor
 - b. Canopy
 - c. Under storey
 - d. There is no layer beneath the emergent layer

7. LED is an efficient semiconductor light source used as indicator lamps in many devices as well as in households, and for other lighting purposes. It is energy efficient, durable, and long lasting. What does LED stand for?
 - a. Light-emitting diode
 - b. Light-efficient diode
 - c. Light-energy diode
 - d. Light-emission diode

8. This ornamental invasive plant from South America has spread all over the globe because of human actions. The dense mats of this plant, which grows on fresh water bodies chokes out native vegetation and fish by reducing the dissolved oxygen content of the water. Which is this plant?
 - a. Water Hyacinth
 - b. Water Lily
 - c. Lotus
 - d. Blue Iris

9. The “grey blanket” over Australia refers to the sporadic spread of a particular animal, which causes extensive agricultural damage to Australia every year. Which is this animal?
 - a. Rat
 - b. Rabbit
 - c. Kangaroo
 - d. Koala Bear

10. “Permafrost” is permanently frozen soil and occurs mostly in high latitudes storing a massive amount of a particular element. As a result of climate change, permafrost is at the risk of melting and releasing the stored element in the form of a gas. Identify the gas.
 - a. Ozone
 - b. Hydrogen
 - c. Nitrogen oxide
 - d. Carbon dioxide

Theme: Green Skills

11. The Ministry of Environment, Forest and Climate Change, Government of India launched an ambitious skill development initiative in 2017. This aims to train and orient youth to enable them gain employment or take steps for self-employment. Name this initiative.
 - a. National Environmental Science Fellows
 - b. National Forestry Action Programme
 - c. The Green Skill Development Programme (GSDP)
 - d. Biosphere Reserve Programme

12. _____ consists of environment-friendly methods of farming that allow the production of agricultural crops or livestock without damage to human or natural systems. It also involves preventing the use of chemicals so as to avoid adverse effects to soil, water, and biodiversity?
 - a. Organic farming
 - b. Sustainable Agriculture
 - c. Sustainable Development
 - d. Sustainable Lifestyle

13. What are professional who possess knowledge and skills for design of solar panels and appliances also known as?
 - a. Sustainable workers
 - b. Solar technicians
 - c. Solar campers
 - d. Solar scholars

14. Which of the following actions does not support sustainable agriculture?
 - a. Extensive use of chemical fertilizers
 - b. Discreet use of chemical fertilizers developed using green methods
 - c. Using organic manure
 - d. Buying or selling organic fruits

15. There are different entrepreneurship activities related to society. Which of the following activity is primarily related to the marketing and production of inputs and products used in agricultural activities?
 - a. Social entrepreneurship
 - b. Agricultural entrepreneurship
 - c. Fishery production
 - d. All options listed here

Answer Key

1-c

2-c

3-b

4-c

5-c

6-b

7-c

8-a

9-c

10-b

11-c

12-b

13-b

14-a

15-b