

GREEN OLYMPIAD 2017-18
LEVEL – II
(Class 6, 7, & 8)
Held on September 13, 2017

(Q. 51 – 100)

51. A cash crop is a crop that is grown for sale to earn profits. Which among the following is a dominant cash crop in India?
(A) Cotton (B) Paddy
(C) Wheat (D) All of the above
52. Crops rotation helps to
(A) Maintain and improve soil fertility
(B) Minimize pests, weeds and soil related diseases
(C) Control soil erosion
(D) All of the above
53. Which gas is released from paddy fields?
(A) Carbon dioxide (B) Hydrogen sulphide
(C) Methane (D) Argon
54. Irrigation is a method by which water is supplied to plants at regular intervals for agriculture. Of the following which method is the most efficient?
(A) Border irrigation (B) Drip irrigation
(C) Sprinkler irrigation (D) Flood irrigation
55. Name the fuel that can be produced by fermenting sugarcane, sawdust, corn or wood chips?
(A) Peat (B) Ethanol
(C) Kerosene (D) Hydrogen
56. Plants generally grow in soil, but they can also be grown in the liquid medium. The latter method is called
(A) Hydroponics (B) Hydrostatics
(C) Hydroscopics (D) Hydrophobics
57. Hybrid rice is a type of rice produced by cross-breeding two different kinds of rice. Which Asian scientist is known as 'Father of hybrid rice'?
(A) M. S. Swaminathan (B) Yuan Longping
(C) Kailas Nath Kaul (D) Satoshi Omura
58. Urea is a widely used nitrogen fertilizer. What is the percentage of nitrogen present in urea?
(A) 10 percent (B) 75 percent
(C) 100 percent (D) 46 percent
59. Gregor Johann Mendel is called as 'Father of Modern Genetics for his pioneering work in the study of heredity. Which plant did he used for his genetic experiments?
(A) Apple (B) Pea
(C) Sunflower (D) Tomato
60. Plants need water and light for growth. Name the phenomenon in which a plant is oriented to growth towards the source of light.
(A) Phototropism (B) Photorespiration
(C) Photochromatism (D) Photoperiodism

61. Name the process that uses micro-organisms for removing salts from the soil
 (A) Salivation (B) Bioremediation
 (C) Oxidation (D) Photoremediation
62. Organic farming
 (A) is another name for regular farming
 (B) uses chemical pesticides
 (C) uses biological pest control and crop rotation
 (D) uses chemical feed additive
63. A field is ploughed prior to the sowing of seeds as it allows _____ -
 (A) plant roots to penetrate deep into soil
 (B) Ventilation
 (C) Growth of soil bacteria
 (D) All of the above
64. Growing vegetables, flowers, fruits and decorative plants for commercial use is known as
 (A) Viticulture (B) Horticulture
 (C) Sericulture (D) Pisciculture
65. A new town designed to have the least impact on the environment is called _____ -
 (A) Downtown (B) Agrotown
 (C) Eco-town (D) None of the above
66. Identify the world's first fully fenced urban eco-sanctuary with an extraordinary 500-year vision to restore the forest area and freshwater ecosystem in Wellington Valley. This novel conservation project deals with the reintroduction of species and habitat protection activities
 (A) Zealandia (B) Caledonia
 (C) Macedonia (D) Mesopotamia
67. Identify the destructive fishing pattern that completely destroys marine habitat along with large-scale killing of fish.
 (A) Gillnetting (B) Harpooning
 (C) Midwater trawl (D) Blast fishing
68. The term 'GREEN' stands for _____
 (A) Environment friendly (B) Sustainability
 (C) Ecofriendly (D) All of the above
69. What is the term given to an area that can be conveniently reached on foot from one's house?
 (A) Foot area (B) Walk area
 (C) Walkshed (D) All of the above
70. Stratospheric ozone shields the ultraviolet radiations of the sun, whereas tropospheric ozone acts as an irritant causing health problems. Which of the following contributes to tropospheric ozone
 (A) Motor vehicles (B) Industries
 (C) Chemical solvents (D) All of the above
71. This one of the most common used metals. If inhaled or ingested, it can cause damage to the nervous system, especially in children, resulting in learning disabilities. Additionally, it also affects the kidneys and the oxygen-carrying capacity of blood. Identify this metal.
 (A) Lead (B) Mercury
 (C) Fluoride (D) All of the above

72. Which UN report published in 1987 explained sustainable development as 'development that meets the needs of the present without compromising the ability of future generations to meet their own needs'?
- (A) World Commission Report (B) Environment Annual Report
(C) Brundtland Commission Report (D) All of the above
73. Which of the following are petroleum-producing states of India?
- (A) Uttarakhand, Punjab, Himachal Pradesh, Uttar Pradesh
(B) Assam, West Bengal, Kerala and Gujarat
(C) Odisha, Karnataka, West Bengal and Tamil Nadu
(D) Punjab, Haryana Madhya Pradesh and Maharashtra
74. An internationally recognized standard that specifies the requirement of an environmental management system is known as _____
- (A) ISO 14001 (B) ISO 1000
(C) ISO 3166 (D) All of the above
75. _____ are made up of eroded material deposited as sediment by sea waves along the shore
- (A) Corals (B) Reefs
(C) Atolls (D) Beaches
76. Which expanded form of the following acronyms is correct?
- (A) IUCN: International Union for Conservation of Nature
(B) IPCC: International Panel for Climate Change
(C) UNEP: United Nations Environmental Policy
(D) EPA: Environmental Pollution Agency
77. Identify the continent in which the world's second longest river Amazon is located?
- (A) Asia (B) South America
(C) Africa (D) Europe
78. In which Indian river is Majuli – the largest fresh water river island in the world – located?
- (A) Narmada (B) Brahmaputra
(C) Parana (D) None of these
79. Name the famous republican who set up United States 'EPA (Environmental Protection Agency) on December 2, 1970. The mandate of this agency is to ensure environmental protection through a single agency of federal research, monitoring, standard – setting, and enforcement activities?
- (A) Richard Nixon (B) Dwight D Eisenhower
(C) Gerald Ford (D) Sheridan Downey
80. Earth Day is celebrated every year on April 22. This was first celebrated in 1970 and has since been celebrated in more than 193 countries every year. Name the founder of Earth Day?
- (A) Denis Hayes (B) Gaylord Nelson
(C) Edmund Muskie (D) Hugh Scott
81. Identify the person who has authored the famous travelogue *Travel Diaries of a Naturalist*, and is a recipient of the WWF Gold Medal and the J Paul Getty Prize for contribution towards the conservation of wild animals. He is also the founder of the World Wide Fund for Nature (WWF) and has additionally designed its Panda logo
- (A) Peter Scott (B) Max Nicholson
(C) Miranda Weston - Smith (D) None of the above

82. The United Nations Framework Convention on Climate Change (UNFCCC), an international treaty to combat climate change, was formed in 1992. The Conference of the Parties, also known as CoP, is the decision-making body of the convention. All states that are parties to the convention are represented at the CoP. Name the place where the upcoming CoP 23 will be held from November 6-17, 2017.
- (A) Marrakech, Morocco (B) Paris, France
(C) Bonn, Germany (D) Mexico, US
83. A Nobel Peace Prize awardee in 2007 and the Chairman of 'The Climate Reality Project', a non-profit organization devoted to solving the climate crisis, this individual has co-organized the Live Earth Concerts. He is also the recipient of a Webby Award in 2005 and the Prince of Asturias Award in 2007 for International cooperation. Identify the environmental leader
- (A) Al Gore (B) Donald Trump
(C) Howard Baker (D) Tom Faley
84. Which protocol adopted in December 1997 has set binding emission targets for developed countries to reduce their emissions on an average of 5.2 per cent below the 1990 level?
- (A) CoP 10 (B) Framework Convention on Climate Change
(C) Montreal Protocol (D) Kyoto Protocol
85. The IPCC is an international organization established to investigate climate change, its potential impacts, and options for reducing risk. The full form of IPCC is
- (A) International Panel for Climate Change
(B) International People's Climate Change Group
(C) Indian Panel for Climate Change
(D) Intergovernmental Panel on Climate Change
86. A large-scale, long term shift in the planet's weather patterns or average temperatures is commonly known as ____
- (A) Climate shift (B) Climate change
(C) Greenhouse effect (D) None of the above
87. ____ is the heat from the Earth. It is a clean and sustainable option of energy
- (A) Geothermal energy (B) Tidal energy
(C) Wind energy (D) Hydel energy
88. Wind energy is a process by which wind is used to generate mechanical power or electricity. Wind turbines convert the kinetic energy into mechanical power. Which state in India is the largest producer of wind energy?
- (A) Madhya Pradesh (B) Kerala
(C) Tamil Nadu (D) Rajasthan
89. Which village in Bihar is India's first solar-powered village?
- (A) Lucknow (B) Dharnai
(C) Ratnagiri (D) Okha
90. Identify the Indian lake which is the only 'floating lake in the world'. It is also a source for hydropower generation, irrigation, drinking water supply, and means of livelihood for the local fishermen.
- (A) Oguta lake (B) Loktak lake
(C) Kaptai lake (D) Hamun lake
91. Who invented a compact fluorescent lamp (CFL) or better known as compact fluorescent light?
- (A) Edward E Hammer (B) Thomas Elva Edison
(C) Oleg Losev (D) James R Biard

92. Which of the following produces the greatest amount of food per acre?
(A) Marine biome (B) Grassland
(C) Tundra (D) Rainforest
93. The appearance of new insect varieties that are resistant to insecticides is an illustration of ____ .
(A) Thigmotropism (B) Ecological succession
(C) Natural selection (D) None of the above
94. Solar cells that convert sunlight into electricity are called ____ .
(A) Photovoltaic (B) LED
(C) None of the above (D) Both (A) and (B)
95. Drought is a condition caused directly due to ____ .
(A) Absence of rain (B) absence of winds
(C) absence of light (D) absence of salinity
96. Tigers are known as 'umbrella species' because ____ .
(A) they do not like water
(B) by saving them, the other creatures in their habitat are automatically saved
(C) they live under the forest umbrella
(D) none of the above
97. Which of the following category of plant grows on other plants and derive moisture and nutrients from them?
(A) Saprophyte (B) Cactus
(C) Epiphyte (D) Parasite
98. Green house effect was first predicted in 1896 by ____ .
(A) William Nordhaus (B) Sven Eriksson
(C) Svante Arrhenius (D) Brian Wilson
99. The thinnest layer of the Earth is the ____ .
(A) Mantle (B) Outer core
(C) Crust (D) Inner core
100. Which of the following term is not applicable for plants?
(A) Autotrophs (B) Producers
(C) Herbivores (D) Flora

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ANSWER KEYS

51. A	52. D	53. C	54. B
55. B	56. A	57. B	58. D
59. B	60. A	61. B	62. C
63. D	64. B	65. C	66. A
67. D	68. D	69. C	70. D
71. A	72. C	73. B	74. A
75. D	76. A	77. B	78. B
79. A	80. B	81. A	82. C
83. A	84. D	85. D	86. B
87. A	88. C	89. B	90. B
91. A	92. A	93. C	94. A
95. A	96. B	97. C	98. C
99. C	100. C		