GREEN OLYMPIAD - 2018

LEVEL – II

(Class 6, 7 & 8)

Date of Examination: October 31, 2018

Question Paper

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(Q. 51	– 100)	
51.	What term is used to describe the storehoubelow the Earth's surface? (A) Water table (C) Aquifer	ise of water located between layers of hard rock (B) Oasis (D) None of the above
52.	Sullage water, also known as grey water, black water. Sullage water originates from the (A) kitchen and bathroom (C) kitchen, bathroom and toilet	is relatively clean wastewater unlike sewage or ne (B) kitchen and toilet (D) None of the above
53.	individual houses or groups of houses obta	first urban sanitation system. Within the city, ined water from wells and there was a separate d the world's earliest – known system of flush (B) The Indus Valley Civilization (D) The Roman civilization
54.	What is the terminology used for drinking wa (A) Freshwater (C) Potable water	ater? (B) Clean water (D) Neutral water
55.	dispose it off. Of the listed options, which or	vater body for aquatic organisms to consume. al site. doors / kitchens.
56.	High load of organic waste in water bodie body. Which chemical property helps to ider (A) Total suspended solids (C) Biochemical oxygen demand	s leads to the depletion of oxygen in the water htify the organic load in waste water? (B) Chemical oxygen demand (D) Total Kjeldahl nitrogen
57.		o not decompose in nature over a period of time. composed through the Earth's natural processes (B) Tea bags (D) Waste paper
58.		item or agent which has the potential to cause nent, either by itself or through interaction with (B) explosive (D) explosive and toxic

59.	Name the horticultural and silvicultural practices that involves the selective certain parts of a plant (such as branches, buds, or roots) in order to remove thus improving the plant's health.		
	(A) Weeding (C) Trimming	(B) Chopping (D) Pruning	
60.	This is the longest canal in India and the lar The Great Thar Desert for almost 650 km. V (A) West Coast Canal (C) Buckingham Canal	rgest irrigation project in the world. It runs through What is the name of this canal? (B) Upper Ganges Canal (D) Indira Gandhi Canal	
61.	Humus is a dark organic material that form Which of the following soils has low humus (A) Alluvial (C) Black	ns in soil when plant and animal matter decays. content? (B) Loamy (D) Desertic	
62.		the milk in two or three hours if the milk is left out. How can the shelf life of milk be enhanced? (B) Store it in an air – tight container (D) None of the above	
63.	Vitamin deficiencies can cause various dise had plagued sailors in the 1600 – 1700's du (A) Rickets (C) Scurvy	eases in the human body. Name the disease that ue to the lack of vitamin C in their diets. (B) Pernicious anaemia (D) Beriberi	
64.	Fibre is a type of (A) fat (C) carbohydrate	(B) protein (D) vitamin	
65.	If the Earth is like a greenhouse, then green as they allow the heat to enter, but trape (A) plants (C) ground	nhouse gases (GHGs) in the atmosphere are like it on its way out. (B) sun (D) glass	
66.	temperature of the atmosphere.) and its concentration is largely controlled by the	
	(A) Carbon dioxide (C) Methane	(B) Water vapour (D) Ozone	
67.	Glaciers can be classified as alpine glaciers and ice sheets. Alpine glaciers form on mountain sides, while ice sheets are not limited to mountainous areas. The only continent to not have any alpine glacier is		
	(A) Asia (C) Africa	(B) Australia (D) Europe	
68.	Climate change will affect agriculture as(A) increased heat will kill crops (B) an increase in the carbon dioxide will he (C) it will reduce yields and productivity (D) it will not make any difference		
69.		G), is found in relatively low concentrations in the n of mostly hydrocarbons and nitrogen oxide	
	(A) troposphere (C) mesosphere	(B) stratosphere(D) thermosphere	

70.		– sectoral impacts affecting people in all domains nmentally. Which of the following companies do ?
	(A) Fruit packaging(C) Insurance companies	(B) Fish processing (D) All of the above
71.	The ENSO cycle describes the fluctuation	of El Nino – Southern Oscillation (ENSO) cycle. ns in temperatures between the ocean and the al Pacific is a climate pattern that describes be eastern tropical Pacific Ocean. (B) El Nino (D) Walker circulation
72.		red from the decomposition of organic waste. The ion and is a natural form of waste-to-energy that organic matter. (B) fermentation (D) dehydration
73.	Clouds are a collection of tiny droplets of w atmosphere. They are either composed of cloud and the atmospheric temperature. (A) smoke (C) dust particles	rater or ice crystals that settle on in the ice water droplets depending on the height of the (B) fog (D) all of the above
74.	Name the world's leading producer of petro (A) Saudi Arabia (C) Russia	leum and natural gas hydrocarbons. (B) The United States of America (D) Canada
75.	Which of the following forms of energy henvironment when it is harnessed and utiliz (A) Nuclear energy (C) Solar energy	as the least amount of negative impact on the ed? (B) Thermal energy (D) Geothermal energy
76.	From the below-mentioned options, pick an (A) Smog (C) Sulphuric acid	example of a primary pollutant. (B) Acid rain (D) Carbon monoxide
77.		y present in the environment but are termed as reases. What are such pollutants known as? (B) Secondary pollutants (D) Qualitative pollutants
78.	particles and/or gases from industrial e	fective air pollution-control device for removing xhaust streams. It operates by introducing a rty gas stream, following which the contaminants elf. (B) Wet scrubber (D) Electrostatic precipitator
79.	Light pollution, also known as photo pollut night. (A) excessive natural light (C) moonlight	ion, occurs due to the presence of at (B) excessive artificial light (D) any form of light

80.	Which sector of the economy is known to produce extremely high amounts of carbon monoxide?		
	(A) Industry (C) Real estate	(B) Domestic (D) Transportation	
81.	is the most metamorphized type of ignitable coal with the highest amount of carbon content.		
	(A) Peat (C) Anthracite	(B) Lignite (D) Graphite	
82.		I houses areas that are key to scientists studying e where hominids began to evolve. Name the	
	(A) Asia (C) Africa	(B) South America (D) Australia	
83.	Which is the first manned mission to land of (A) Apollo 10 (C) Apollo 12	n the moon in July 1969? (B) Apollo 11 (D) Apollo 13	
84.	The atmosphere is a combination of many gases, such as argon, carbon dioxide, neon, helium and hydrogen. However, and oxygen are the two primary gases that constitute the atmosphere.		
	(A) neon (C) methane	(B) helium (D) nitrogen	
85.	winds reaching at least 74 miles per hour	the same weather phenomena with high-speed (119 km per hour). Scientists name these storms the storms that form in the Indian Ocean known	
	(A) Typhoons (C) Tornadoes	(B) Cyclones (D) Whirlwinds	
86.	Which of the following is an example of 'end (A) Using incandescent bulbs (B) Leaving electrical appliances on standb (C) Painting the house with darker shades (D) Walking, carpooling, or using public trans	y mode	
87.	Solar water heaters are a cost-effective way to generate hot water. Which form of energy is used to heat water flowing through panels?		
	(A) Electricity (C) Thermal energy	(B) Infrared radiation (D) No energy is used	
88.	In order to conserve resources, what should (A) Carpool (C) Turn off lights when not in use	d one do? (B) Bicycle to school (D) All of the above	
89.	need to be allocated to so as to by 2030.	ncy (IEA), a majority of the additional investments help achieve the goal of universal energy access	
	(A) natural gas(C) off-grid and mini grid systems	(B) smart cities (D) smart grids	
90.	From the below-mentioned options, select the alternate energy-efficient equipment that can be used to replace electrical geysers (water heaters).		
	(A) Induction heater (C) Solar heater	(B) Immersion rods (D) Microwave	

91.	(i) It is generated from the kinetic energy of (ii) It can be captured in a gas turbine to pro (A) Only (i) (C) Both (i) and (ii)	moving ocean tides.
92.	Why should we use a light-emitting diode (L (A) An LED bulb is cost effective and energ (B) Conventional tube lights lose brightness (C) An LED bulb outlives the combined lifes (D) All of the above	y efficient. s over time.
93.	What type of plants will you choose when u (A) Choose plants that need less water (C) Choose plants that are locally found	ndertaking a plantation drive in school?? (B) Choose plants that are resilient (D) All of the above
94.		ost threatened reservoirs of plant and animal life species and have lost at least 70% of their (B) endemic species (D) All of the above
95.	less than 1 per cent of the Earth's surface	ned ecosystems in the world. Although it covers, it is home to around 25 per cent of the world's ystem is also incredibly pleasing to the eye due to (B) Mangrove ecosystem (D) Freshwater ecosystem
96.		results in a food chain. Name the first trophic or es the highest biomass on the Earth's surface. (B) Primary consumers (D) Tertiary consumers
97.	integrating transport and building through	n reducing emissions by improving mobility and its 'super cycle highway' initiative. Super cycle city have led to a 45 per cent increase in the ly. (B) Zurich (D) Copenhagen
98.		evelopment Goals (SDGs) which replaced the to end poverty, protect the planet, and ensure ing is not a part of the SDGs? (B) Availability of water and sanitation for all (D) Promotion of decent jobs for all
99.	met by 2030. The Bertelsmann Stiftung a Network have created a prototype index that	Goal (SDG) has specific targets the need to be and the UN Sustainable Development Solutions at measures the performance of various countries the list for achieving the 2030 targets enlisted by
	(A) Norway (C) Denmark	(B) Sweden (D) Canada

- 100. Rapid urbanization has resulted in slums and informal settlements in cities, which according to the UN Habitat attributes to around 33% of the urban population in the developing world. From the following options, which problem will be faced through rapid urbanization?
 - (A) Poor housing which will not withstand natural disasters.
 - (B) Inadequate access to safe water and sanitation.
 - (C) Overcrowding and eviction.
 - (D) All of the above.

