

Seat Number

--	--	--	--	--	--

17/12/23

BETI

Environment Studies (55555/55557)

Total Pages : 5]

Time: 2 Hours

Max. Marks : 80

- 1) The term biodiversity was introduced by -----
 A) David Ricardo B) Walter D.Roshen C) Charles Darwin D) A G Tansely
- 2) 1st Earth summit was held at -----
 A) London B) Rio-de -Janeiro C) Japan D) America
- 3) The forest conservation act was enacted in -----
 A) 1980 B) 1986 C) 1984 D) 1982
- 4) World Environment Day is celebrated on -----
 A) 1stDecember B) 5thJune C) 5thSeptember D) 31stJanuary
- 5) The environment which is modified by human activities is called ----- Environment
 A) Natural B) Anthropogenic C) Urban D) Modern
- 6) Environment protection act was passed in -----
 A) 1989 B) 1986 C) 1994 D) 1981
- 7) Which gas caused Bhopal Gas Tragedy ?
 A) Methyl Alcohol B) Methyl acetate
 C) Methyl Isocyanate D) Methyl Carbamate
- 8) Gradual increase in the global temperature due to increase in green house gases in the atmosphere is -----
 A) Population explosion B) Green house effect
 C) Global Warming D) Ozone Layer Depletion
- 9) An ecosystem consists of -----
 A) Green plant & decomposers B) Green plant & animal
 C) Green plant, animal & abiotic component D) Producers & Consumers
- 10) Which ecological pyramid is always straight -----
 A) Pyramid of Biomass B) Pyramid of Number
 C) Pyramid of Energy D) Pyramid of Biomass & Number
- 11) Creation of unwanted sound is called as -----
 A) Noise Pollution B) Thermal Pollution
 C) Air Pollution D) None of the above
- 12) Global warming increases in the average -----of the atmosphere.
 A) Temperature B) Fog C) Wind D) Rainfall

- 13) Drought implies the time span of water.-----
 A) Availability B) Supply C) Flood D) Deficiency
- 14) Green phase is related to ----- sector
 A) Environment B) Health C) Education D) Industry
- 15) The use of -----increased chemical in soil.
 A) Seed B) Water
 C) Organic fertilizer D) Chemical fertilizer
- 16) Ecological pyramid was first devised by -----
 A) Arthur Tansley B) Charles Elton C) Ernst Haeckel D) Charles Darwin
- 17) From 3% usable water for human being, 2 % water permanently is in the form of -----
 A) Salt Water B) Polluted C) Ice D) River
- 18) ----- energy is used in solar cooker.
 A) Wind B) Solar C) Hydal Power D) Tidal Energy
- 19) The air pollution has effects on -----
 A) Climate B) Plant and Animal C) Soil D) All these above
- 20) The term ecology was introduced by A G Tansley in -----
 A) 1935 B) 1925 C) 1915 D) 1945
- 21) The branch deals with the study of interrelationship between organism and with their habitat is -----
 A) Geography B) Economy C) Ecology D) None of these
- 22) The greenhouse effect is caused mainly by -----
 A) CO₂ B) O₂ C) H₂O D) C
- 23) The thermal energy is produced from -----
 A) Water B) Coal C) Uranium D) Wind
- 24) The -----is essential to respiration of all living organism.
 A) Oxygen B) Nitrogen C) Carbandioxide D) Ozone
- 25) Which one is a correct food chain-----
 A) Lion – Grass – Deer – Fox B) Grass – Deer – Fox - Lion
 C) Grass – Lion – Fox - Deer D) Grass – Fox - Deer – Lion
- 26) Which one of the following is not a green house gas.
 A) CO₂ B) Oxygen C) CFCs D) Methane
- 27) Under which policy we two our two is -----practices.
 A) 1976 B) 2000 C) 1975 D) 2010
- 28) -----is the structural and functional unit of ecology.
 A) Ecosystem B) Biology C) Economy D) None of these
- 29) The variability found within the population of the species of plants and animals is known as-----diversity.
 A) Genetic B) Ecosystem C) Species D) None of theses
- 30) The action of conserving something in particular is known as -----
 A) Planning B) Deforestation C) Conservation D) None of theses

- 31) Which is the component of environment.
 A) Energy B) Biotic C) Abiotic D) All the above
- 32) ----- is world ozone day.
 A) 5th June B) 16th September C) 16th October D) 15th June
- 33) ----- gas has the highest share in the rise of temperature on the earth in the greenhouse gases.
 A) Carbon dioxide B) Methane
 C) Chlorofluorocarbon D) Hydrogen
- 34) Conservation of ----- animals is done at Periyar sanctuary in Kerala.
 A) Elephant B) Lion C) Deer D) Panther
- 35) ----- is a biotic factor in an environment
 A) Soil B) Water C) Microorganisms D) Solar energy
- 36) Plants – Rabbit – Fox – Panther. In this example who is Rabbit?
 A) Primary consumer B) Secondary consumer C) Tertiary consumer D) Decomposer
- 37) Herbivorous animals come under the following category.
 A) Decomposers B) Consumers C) Producers D) None of these
- 38) -----causes maximum pollution.
 A) Agriculture B) Industries C) Tourism D) None of these
- 39) The systematic transition of energy and food in a ecosystem is called -----.
 A) Food chain B) Food web
 C) Ecological pyramid D) Decomposition
- 40) Complete the food chain. Grass – grasshopper - Frog - ----- – Eagle.
 A) Rabbit B) Deer C) Snake D) Cow
- 41) -----is a natural calamity
 A) War B) Cyclone
 C) Industrial Accident D) None of these
- 42) The nature of the environmental geography is -----
 A) Physical B) Dynamic C) Static D) Logic
- 43) Genetic variation existing within a species called -----diversity.
 A) Ecosystem B) Species C) Genetic D) None of these
- 44) ----- is at the top of any ecological pyramid.
 A) Man B) Bird C) Micro-organism D) Plants
- 45) The diversity in biotic factors in different ecosystem -----.
 A) Ecology B) Biodiversity C) Ecosystem D) Photosynthesis
- 46) Nitrogen is present in the atmosphere it is about -----%.
 A) 18 B) 52 C) 68 D) 78
- 47) The -----is essential to respiration of all living organisms.
 A) Oxygen B) Nitrogen C) Carbon dioxide D) Ozone

- 48) ----- is an important biodiversity region in Maharashtra.
 A) Tapi basin B) Godavari basin
 C) Western Ghats D) Satpuda mountains
- 49) ----- produce their food on their own, so they are called producers.
 A) Animals B) Man C) Plants D) Micro-organism
- 50) The layer of ----- gas in the atmosphere is also called as protective shield.
 A) Carbon-di-oxide B) Hydrogen C) Ozone D) Methane
- 51) Electricity generated by water is known as -----power.
 A) Thermal B) Solar C) Hydel D) Wind
- 52) The organisms which feed on dead organisms are called -----
 A) Producers B) Decomposers C) Carnivorous D) Detritivores
- 53) Growing food in water is called -----Ecosystem.
 A) Fresh water B) Marine C) Pond D) Aqua culture
- 54) Every food chain starts with -----
 A) Soil B) Water C) Producer D) Animals
- 55) The science of interrelationship between living things and their environment is called as -----.
 A) Environment B) Ecology C) Atmosphere D) Ecosystem
- 56) Plants, animals and micro-organisms are ----- parts of environment.
 A) abiotic B) biotic C) non-living D) man-made
- 57) The acid rain is the result of mixing of water with -----
 A) Oxygen B) Sulphur & Nitrogen oxides
 C) Nitrogen D) Carbon monoxide
- 58) All animals are dependent on plants for their food. They are called -----.
 A) Autotrops B) Heterotrops C) Self dependent D) Producer
- 59) -----are the causes of the deforestation.
 A) Urbanization B) Agricultural activities
 C) Construction of highways D) All of these
- 60) The animals which consume plants & flesh of other animals called -----
 A) Harbivores B) Carnivores C) Omnivores D) Decomposers
- 61) Which of the following energy sources does not produce carbon dioxide?
 A) Oil B) Coal C) Uranium D) Natural gas
- 62) Among following which is the cause of flood.
 A) Deforestation B) Desertification
 C) Dam and levee failure D) Soil erosion
- 63) Tsunami iseffect of the earthquakes.
 A) Secondary B) Primary C) Tertiary D) Preliminary
- 64) Factors affecting slope stability is....
 A) Type of Earth material B) Slope Angle and Topography
 C) Desertification D) Both A and B

- 65) Best management practices to stop soil erosion are
 A) Soil digging B) Soil mining C) Soil stabilization D) Soil excavating
- 66) The ecosystem functions are maintained in a city byand.....with outlying areas.
 A) Food and water B) Water and Communication
 C) Transportation and Communication D) Transportation and food
- 67) Solar energy stored in material such as wood, grain, sugar, and municipal waste is called _____.
 A) Biomass B) Fossil fuels
 C) Geothermal energy D) Natural gas
- 68) Incineration is a waste treatment process that involves the of organic substances contained in waste materials.
 A) Surface Impoundment B) Deep-Well Disposal
 C) Secure landfill D) Combustion
- 69) is the prime mover of a country's economic growth.
 A) People B) Energy C) Truck D) Government
- 70) Policy for meeting India's Energy Security
 A) Not acquiring Assets B) Diversifying Sources
 C) Not improving Storage Facilities D) Using nonrenewable energy sources
- 71) Land degradation seriously damages the livelihood opportunities, thus leading to...
 A) Population Growth B) Richness
 C) Food insecurity D) Increase in GDP
- 72) The Green Revolution has been a failure because of....
 A) Increased vulnerability to pest B) Increases in Micronutrient level
 C) Increases in soil fertility D) Decrease in production
- 73) Environmental security refers to the safety of our environment from.....
 A) Natural Disaster B) Human Activities C) Both A and B D) Other countries
- 74) Genetically Modified Crops are modified byto produce higher crop yields.
 A) Civil Engineering B) Environmental Engineering
 C) Genetic engineering D) Chemical Engineering
- 75) Among the following which is micronutrients.
 A) K B) Mn C) P D) N
- 76) When trees are cut, amount of carbon dioxide....
 A) Increases B) Decreases C) Both A and B D) Remains same
- 77) 2, 4-D is an example of
 A) Herbicide B) Pesticide C) Fungicide D) Rodenticides
- 78) Nuclear energy is derived by.....
 A) Combustion of atoms of U 235 B) Fission of atoms of U 235
 C) Fusion of atoms of U 235 D) The breaking of U 235 bonds
- 79) Among the following which is the characteristics of perfect pesticides.
 A) Expensive B) Affect non-target organism
 C) Break down into harmful materials D) Long half-life period
- 80) The world has the least amount of the following fuel types.
 A) Oil B) Coal C) Uranium D) Biomass