



**PUNE VIDYARTHI GRIHA'S**  
**COLLEGE OF SCIENCE AND TECHNOLOGY**  
**Affiliated to University of Mumbai**

---

**Question Bank**

**Class: SYBMS**

**Semester: III**

**Subject: Foundation Course in Environmental Management**

1) Which of the following gases occupies the greatest percentage of the current atmosphere on Earth ?

- a) Nitrogen gas
- b) b)Oxygen gas
- c) c)Carbon dioxide gas
- d) d)Ozone

2) Predict on why an animal may change their skin or fur colour with the seasons?

- a) In order to attract predators.
- b) To blend in with the surroundings and avoid predators.
- c) So predators can easily find them.
- d) All the above

3) Which of the following organism would probably belong to the same tropic level as a bear ?

- a) A deer
- b) An oak tree
- c) A wolf
- d) A cow.

4) Biotic environment includes

- a) Producers
- b) consumers
- c) Decomposers
- d) All of the above.

5) Decomposers include.

- a) Bacteria
- b) Fungi
- c) Both
- d) Animals.

6) Abiotic environment does not include.

- a) Air b) Water c) Soil d) Plants .

7) Vermicomposting is done.

- a) Fungus b) Bacteria c) Worms d) Animals .

8) The group of organisms which convert light into food are called.

- a) Autotrophs b) Heterotrophs. c) Decomposers d) Omnivores.

9) Which one the following is not biodegradable?

- a) Vegetables b) fruits c) Earthworm d) Aluminium foil.

10) In our country the Van Mahotsav Day is observed on.

- a) Second of October b) First of December c) Tenth of August d) First of July.

11) Plants are green because of the presence of a pigment called .

- a) Glucose b) Nitrogen c) Chlorophyll d) Oxygen.

12) Chief source of energy in environment is .

- a) fire b) Moon c) Sun d) Stars.

13) Process through which plants reproduce.

- a) Eating b) Evaporation c) Pollination d) transpiration

14) Acid rain is caused by .

- a) CO and CO<sub>2</sub> b) SO<sub>2</sub> and O<sub>2</sub> c) SO<sub>2</sub> and NO<sub>2</sub> d) NO<sub>2</sub> and O<sub>2</sub>

15) What will be the outcome of Eutrophication of surface of waters?

- a) Overproduction of biomass.
- b) Decrease in nitrogen concentration .
- c) Decrease in Phosphorous concentration .

- d) Decrease in both nitrogen and phosphorous concentration.
- 16) Group of individual of the same species that share common attributes are called.
- a) Community b) Population c) Ecotype d) society .
- 17) Bacterial decomposition of biological material under aerobic condition is.
- a) Fermentation b) Fertilization c) Contamination d) composting.
- 18) The organism which directly feed on producers are called.
- a) Herbivores b) Carnivores c) Decomposers d) Saprophytes.
- 19) The sequence of eating and being eaten in an ecosystem is called .
- a) food chain b) carbon cycle c) Hydrologicak cycle d) Macro consumer.
- 20) In aquatic ecosystems phyto planktons can be considered as a.
- a) consumer b) Producer c) Saprotrophic organism d) Macro consumer.
- 21) Organism Which feed directly or indirectly on producers are called.
- a) prey b) Consumers c) Decomposers d) Detritus .
- 22) A predator is.
- a)An animal that is fed upon.
- b) An animal that feeds upon another animal.
- c) Animal that feeds upon both plants and animals.
- d) A primary consumer.
- 23) A food web consists of
- a) A portion of food chain.
- b) An organism's position in a food chain.
- c) Interlocking food chains .
- d) A set of similar consumers
- 24) Sustainable development means .
- a) Meeting present needs without compromising on future needs.
- b) Progress of human being .
- c) Balance between human needs and the ability of earth to provide the the resources.

d) All of the above.

25) Eutrophication is .

a) An improved quality of water in lakes.

b) A process in carbon cycle.

c) The result to accumulation of plant nutrients in water bodies.

d) A water purification technique.

26) Which one of the following is the cleanest source of energy.

a) Hydropower b) Fossil fuel. C) Nuclear power. D) Wind power.

27) Natural resources that are used up more quickly than they can be replaced by natural processes are called.

a) Finite Resources b) Renewable Resources c) In Exhaustible Resources d) Flow Resources.

28) Which of the following statements are not related to the problems experienced due to large dams and reservoirs .

a) Flooding of downstream region. b) Displacement of people c) Large loss of water through evaporation. d) Disruption of the aquatic systems.

29) Biogas generation is mainly based on the principles of .

a) Fermentation b) Degradation c) Purification d) Composting.

30) Which of the following is not a form of Non conventional energy.

a) Tidal b) Geo Thermal c) wind d) Hydel.

31) Environmental ( protection ) Act was enacted in the year .

a) 1986 b) 1989 c) 1994 d) 1998.

32) The Air (prevention and control of pollution ) Act was enacted in the year.

a) 1981 b) 1974 c) 1994 d) 2004

33) The water ( prevention and control of pollution ) Act was enacted in the year.

a) 1986 b) 1974 c) 1994 d) 1972.

34) The wild life protection was enacted in the year.

a) 1986 b) 1974 c) 1994 d) 1972.

35) The forest (conservation) Act was enacted in the year.

A) 1986 b) 1974 c) 1980 d) 1972.

36) The first of the major environmental protection act to be promulgated in India was.

a) The Wild life protection Act.

B) The Air Act .

C) The noise Pollution Act.

D) None of the above.

37) Environmental protection is the responsibility .

a) Government of India b) NGOs c) Individual d) ALL.

38) Which of the following is empowered to take measure to take measure to protect & improve environment as per the environment protection act.

a) Central Govt. b) State government c) Corporation d) None.

39) The Environmental ( protection) Act, 1986 deals, with.

a) Water b) Air c) Soil d) All.

40) The EIA should be conducted .4

a) Before commencement of the project .

b) During the project .

c) After completion of the project .

d) At any time before or after the project.

41) The objectives of the wildlife protection act 1972 is.

a) TO preserve the wild life bio-diversity .

b) To maintain essential ecological and life supporting systems .

c) Protection and conservation of wild life.

d) All.

42) Environmental education is targeted to

a) General public.

b) Professional Social group.

c) Technicians and scientists

d) All.

43) Which of the following animals is endangered species of India.

a) Black bug b) Elephant c) Fox d) Giraffe.

44) ISO- 14000 standards deal with.

a) pollution management b) risk management c) environmental management.

45) Environmental protection is the fundamental duties of the citizens of the under the article.

a) 51-A (g) b) 48-A c) 47 d) 21.

46) World summit on sustainable development was held at .

A) Johannesburg in 2002 b) Rio de Janeiro in 1992. C) Kyoto in 1994. d) Stockholm in 2000.

47) One carbon credit is equivalent to .

a) 100 tons carbon reduction b) 10 tons of carbon reduction c) 1 ton of carbon reduction d) ½ ton of carbon reduction

48) Eia was introduced in India for

a) mining projects b) airports c) new towns d) all the above.

49) Green Business incorporate the principle of.

a) Sustainability b) profit maximization c) Social commitment d) All the above.

50) The goal of national parks and wild life sanctuaries is

a) To promote international trading of animals and their products .

b) To evacuate tribal people from forest.

c) Conservation of wildlife.

d) None of the above.

51) What is the harm from the depletion of earth's ozone layer?

a) The average temperature of the Earth's surface will increase gradually.

b) The oxygen content of the atmosphere will decrease.

c) Increased amount of Ultra violet radiation will reach earth surface.

d) Sea levels will rise as the polar ice caps will gradually melt.

52) The main problems with so-called biodegradable plastic is that .

- a) only its organic portion actually decomposes.
- b) animals often choke on the plastic litter that forms .
- c) it release toxic compounds as it breaks apart.
- d) it includes a chemical made by a rare bacterium.

53)Decomposing yard waste and fruits and vegetable trimmings which can be broken down by bacteria which reduces the need for fertilizers is called as.

- a) Chemical fertilizer b) Composting c) Animal dung d) none of the above.

54) Burning of which gas at landfills is responsible for Global warming?

- a) Ozone b) Propane c) Oxygen d) Methane.

55) Acid rain is formed due to contribution from the following pair of gases.

- a) Methane and ozone. B) oxygen and nitrous oxide c) methane and sulphur dioxide d) Carbon dioxide and sulphur dioxide.

56)Which of the following are problems associated with landfills?

- a) Loss of soil fertility b) Containment of ground waters. C) Methane production d)All of the above.

57) The increase in the concentration of CO<sub>2</sub> in our environment in last fifty years since 1960 is about.

- a) 20% b) 10% c) 14% d) 6%.

58) The methane found in landfills is a gas that .

- a) is produced when wastes react with oxygen .
- b) must be pumped to the surface in leachate pipes.
- c) is major containment of groundwater supplies .
- d) may be captured and used to produce energy.

59) The presence of high coliform counts in water indicate .

- a) Contamination by human wastes.
- b) Phosphorous contamination.
- C) decreased biological oxygen demand.
- d) hydrocarbon contamination.

60) Which of the following produces the most solid waste.

a) manufacturing b) agriculture c) packing industry d) nuclear power plants.

61) Which of the following statements does not describe a problem associated with modern landfills?

a) Chemicals leaking out of the waste stored there may pollute wells.

b) Materials buried in landfills decomposes in three layers.

C) Explosives gases can be produced by landfills and may build up in the basement of nearby buildings.

D) All of the above.

62) what makes the circuit board one of the most sought after E-waste ?

a) Contains metals with commercial value

b) Readily available.

c) Easiest to work with

d) Contains no toxic components.

63) what is the common reason people or companies give for not recycling the electronics ?

a) government restrictions b) no resale value c) lack of recycling facilities d) security problems.

64) what should you consider while buying an environmentally friendly product ?

a) use of minimal packaging b) product can be easily disassembled.

c) Products that offer take back offers d) All of the above.

65) As high definition televisions become more popular which component of some of this electronics can be end up as hazardous high tech waste

A) Circuit boards b) Cathode rays tubes c) copper wires d) All of the above.

66) Groundwater mining in coastal areas can result into.

a) increase in the salinity of groundwater .

b) decrease in the toxicity of groundwater .

c) decrease in the salinity of groundwater.

d) increase in the water table.

67) One of best solutions to get rid of non –biodegradable wastes is

- a) burning b) Dumping c) landfilling d) Recycling

68) An environmental problem with landfills is

- a) methane production b) Incomplete production c) ground water pollution d) all of the above.

69) Which of the following is negative effects on the soil and water due to conventional , mechanized farming practices?

- a) soil compaction b) reduction in soil organic matter c) soil erosion d) all of the above

70) The stage in which the biological processes is used to purify water in wastewater treatment plants Is called .

- a) secondary sewage treatment b) primary sewage treatment c) waste water reduction d) biochemical reduction.

71) Minamata disease in Japan was caused due to water pollution of

- a) Lead b) mercury c) methyl isocyanides d) bromine.

72) Noise is measured using sound meter and the unit is

- a) Hertz b) Decibel c) Joule d) Sound .

73) All are particulate pollutants except

- a ) Dust b) ozone c) soot d) smoke.

74) Which of the following is an air pollutant.

- a) ozone b) CFC c) Carbon dioxide d) Oxygen.

75) Noise is-----

- a) loud sound b) constant sound c) unwanted sound d) slow sound.

76) what should you consider while buying an environmentally friendly product?

- a) Use of minimal packaging.  
b) product can be easily disassembled .

- c) products that offer take back offers
- d) All of the above.

77) Decomposing yard waste and fruits and vegetable trimmings which can be broken down by bacteria , which reduces the need for fertilizers is called as  
a) chemical fertilizer b) composting c) Animal dung d) none of the above

78 ) The predominant source of energy on earth is  
a) Electricity b) Natural gas c) The sun, d) plants .

79) What is the most common material used in making solar cells?  
a) silver b) Iron c) Aluminium d) Silicon.

80 ) which of the following states in india ranks first in the installation of wind power.  
a) Gujrat b) Andhra Pradhesh c) Maharashtra d) tamil nadu.

81) What kind of energy does a wind turbine use?  
a) Kinetic energy b) potential energy c) Chemical energy d) thermal energy.

82) A place where many wind turbines are installed together to produce electricity is called a  
a) wind farm b) Propeller collection c) Wind station d) Wind turbine station.

83)Solar photovoltaic cell converts solar energy directly into  
a) Mechanical energy b) electricity c) heat energy d) transportation

84) An anemometer is an instrument used for measurement of  
a) Solar radiation b) Wind speed c) Temperature gradient d) Depth in ocean.

85) Which source of renewable energy is caused by uneven heating of earth's surface?  
a) Solar b) Wind c) Geothermal d) Biomass.

86) Which gas has major share in biogas  
a) N<sub>2</sub> b) CH<sub>4</sub> c) CO<sub>2</sub> d) H<sub>2</sub>.

87) Biogas is produced when anaerobic bacteria digest organic matters in absence of oxygen the process called  
a) Anaerobic reduction b) Anaerobic digestion c) Anaerobic oxidation d) Anaerobic drying.

88) Bio mass can be used as fuel through  
a) Combustion b) fermentation c) Digestion d) All of the above .

89) The tidal waves are caused by the periodic rise and fall of oceans . it is associated with the position of  
a) Moon b) Sun c) Earth d) Sea

90) Energy derived from hot spots beneath the earth is called  
a) bio energy b) geothermal energy c) nuclear energy d) hydrogen energy .

91) What are the benefits of organic farming?  
a) It helps in maintaining environmental health by reducing the level of pollution .  
b) It reduces human and animal health hazards by reducing the levels of residues in the product.  
c) it helps in keeping agriculture production at a higher level and makes it sustainable.  
d) All the above.

92) The limitations of marketing philosophy is accepted by acknowledging the need to impose regulatory constraints on the market particularly the impact of marketing activity on the environment due to the concept of .  
a) Sustainable marketing b) Relationship marketing c) Green marketing  
d) Ethics in marketing .

93) The material used for the containment , protection handling delivery and presentation of goods refers to  
a) packaging b) A box c) Material handling d) Containerization.

94) Which of the following is not an environmental friendly packaging strategy that firms might adopt?  
a) Reduce the amount of packaging material used.

- b) Use more environmentally friendly packaging materials .
- c) Use reusable containers
- d) All of the above.

95) Which type of electricity –generating power plant releases radioactive materials as well as toxic metals such as lead and arsenic under normal operating conditions ?

- a) Nuclear b) hydroelectric c) Solar d) Coal- burning.

96) Which of the following is not a practice associated with sustainable agriculture?

- a) fallowing of land b) Crop rotation c) Bio- logical control of pests d) Perennial polyculture.

97) The structure of involve involves.

- a) Inner core b) Outer core c) Mantle d) all of the above.

98) What are the natural components of environmental?

- a) Socio culture b) political c) Economic d) Soils.

99) Which of these is not a component of Abiotic components .

- a) location b) Energy c) political d) climatic .

100) Which of the followings are include in Biogeochemical cycle.

- a) Water cycle b) Carbon cycle c) nitrogen cycle d) All of these.

101) The objective of environmental education is.

- a) Raise consciousness about environmental
- b) To teach environmentally appropriate
- c) Create an environmental ethic that fosters awareness about ecological interdependence of economics social and political.
- d) All of the above.

102 ) which of these is not influenced by human activities

- a) Depletion of ground water.
- b) Destruction of mangroves and wetlands.
- c) Increased extinction rate of species

d) None of the above.

103) Environmental education is important only at

- a) primary school stage
- b) secondary school stage
- c) collage stage
- d) All stage .

104)The atmosphere extends upto a higher of about 10000 km .it divided into the following four thermal layers.

- a) Mesosphere b) Stratosphere c) Thermosphere d) Troposphere.

105) The correct sequence of these layers starting from the surface of the earth upward is.

- a) 2 ,4,1,3 b) 4, 2 , 1 ,3 c) 4,2,3,1 d) 2,4,3,1.

106) Which of the following conceptual components of the environment are effective transporters of matter?

- a) Atmosphere and hydrosphere b) Atmosphere and lithosphere c) Hydrosphere and Lithosphere d) Lithosphere and biosphere .

106) Biosphere is

- a) The solid shell of inorganic materials on the surface of the earth.
- b) the thin shell of organic matter on the surface of earth comprising of all the living things.'
- c) The sphere which occupies the maximum volume of all the spheres.
- d) All of the above.

107) Which of the following conceptual sphere of the environment is having the least storage capacity for matter?

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

108) Which of the following is an example of impact of development activities on the Hydrosphere.

- a) Air pollution b) Soil pollution c) Soil erosion d) Water pollution.

109) Weather occurs in the earth.

- a) Troposphere b) Mesosphere c) Ionosphere d)Thermosphere.

110) Biosphere is a term used to represent the

- a) Entire atmosphere consisting of troposphere, stratosphere, mesosphere and thermosphere
- b) Entire hydrosphere –representing the entire collection of water over the earth as well as inside the earth.
- c) A small zone of earth where the lithosphere, hydrosphere and atmosphere come in contact with one another.
- d) Entire lithosphere –representing the solid earth and its interior.

111) The term ecology was introduced by

- a) Haeckel b) Odum c) Tansley d) Ramdeo Mishra.

112) The study of interactions between living and non-living organisms and environment is called.

- a) Ecosystem b) Ecology c) Phyto-geography d) Phytosociology.

113) An Ecosystem consists of

- a) Green plants and animals
- b) Green plants and animals
- c) Producers and consumers
- d) Green plants, animals, decomposers and abiotic environment.

114) The environment which has been modified by human activities is called

- a) Natural environment b) Anthropogenic environment c) Modern environment
- d) Urban environment.

115) Which of the following statements is not true?

- a) Inorganic nutrients are recycled in an ecosystem.
- b) Energy flows through the ecosystem in the form of C-C bond.
- c) Energy is recycled in an ecosystem
- d) Respiration process releases energy

116) Driving force in an ecosystem is.

- a) Plants b) Producers c) Solar energy d) Biomass energy.

117) Physical and chemical components of an ecosystem constitute

- a) Biotic structure b) Abiotic structure c) Both of these d) none of these.

118 ) Which one of the following is an abiotic component of the ecosystem

a ) Bacteria b) plants c) Humus d) Fungi.

119) Which of the following is a possible producer in an ecosystem ?

a) Plants b) Animals c) Human beings d) Fish.

120) The organism which feed on dead oraganisms and excreta of living organism are known

a) Decomposers b) Consumers c) Producers d) Carnivores .

121) A trophic level refers to

- a) Area in the tropics
- b) An organisms's portion in a food chain
- c) An organism's position in an ecosystem
- d) An oragnism's position in a biome.

122)In a food chain animals constitute.

- a) First trophic level
- b) Second trophic level
- c) Intermediate tropic
- d) Ultimate trophic level.

123)The food chain in which micro organisms breakdown dead producers is called

a) consumer food chain b) Predator food chian c) Parasitic food chain d) detritus food chain.

124) Food chain starts with

a) producer b) herbivores c) carnivores d) omnivores.

125)In a food chain humans are

a) Secondary consumers b) primary consumer c) Producers d) Primary and secondary consumers both.

126) Which one is the correct food chain ?

- A) Phytoplankton – Zooplankton –Fish
- b) zooplankton – phytoplankton –fish .
- c) Zooplankton ---phytoplankton ---- fish .
- d) Grass – Fish --- Zooplankton.

127)A food web consists of

- a) Interlocking food chains
- b) producers consumers and decomposers
- c) A portion of food chain.
- d) A set of similar consumers.

128) Food webs are

- a) One kind of food
- b) Not related to food chains at all
- c) Inter-connected arrangement of food chains.
- d) linear arrangement of food chains.

129)Pyramid of number is given by.

- a) Haeckel b) odum c) Elton d) Tansely.

130)Which ecological pyramid is always upright.

- a) Pyramid of number
- b) Pyramid of biomass.
- C) pyramid of energy
- d) pyramid of number and biomass.

131) An ecological pyramid refers to the

- a) Pyramid of energy
- b) pyramid of number
- c) pyramid of biomass
- d) All of the above.

132) An ecosystem may not undergo changes because.

- a) it is in a state of homeostasis
- b) it has plants and animals both.

- c) It gets solar energy continuously
- d) The decomposers are present in it .

133) Energy flow in ecosystem is given by

- a) Haeckel b) odum c) Tansely d) Ramdeo Mishra.

134) Energy flow in an ecosystem is always

- a) Unidirectional b) cyclic c) Reversible d) Multi-directional.

135)The primary products in a forest ecosystem are.

- a) Chlorophyll containing trees and plants .
- b) Herbivores.
- c) Carnivores.
- d) Bacteria and other micro-organisms.

136)The desert among the following which is not a cold desert is

- a) Golbi desert b) Patagonian desert c) Atacama desert d) Majava desert.

137) The darker zone in lakes where light penetration is negligible is called the.

- a) Euphotic zone.
- b) Littoral zone.
- c) Limnetic zone
- d) Benthic zone.

138) The zone of sea lying over the continental shelf is known as the

- a) Bathyl Zone b) Neritic zone c) Abyssal zone d) Littoral Zone.

139) Which one of the following is not fresh water biome?

- a) Lotic b) Lentic c) springs d) Deep sea.

140) Tendency of pollutants to become concentrated in successive trophic levels is known as

- a) Biomagnification b) Biorhythm c) Bioremediation d) Biopiracy .

141) Eutrophication is

- a) An improved water quality status of lakes .
- b) The results of accumulation of plant nutrients in the carbon cycle.
- c) A process in the carbon cycle .
- d) A water purification technique.

142) Increase in fauna and decrease in flora would be harmful due to increase in

- a) Diseases
- b) CO
- c) O<sub>2</sub>
- d) Radioactive pollution

143) The largest reservoir of nitrogen on our planet is

- a) Ocean
- b) Atmosphere
- c) Biosphere
- d) Fossils Fuels.

144) Overgrazing results in

- a) soil erosion
- b) Retention of useful species
- c) productive soils
- d) All of the above .

145) In the world ,the economy of the India is

- a) largest
- b) Third largest
- c) Second largest
- d) fourth largest.

146) In services output India is

- a) 10
- b) 12
- c) 15
- d) 4.

147) Crude oil.

- a) Smelly yellow to black liquid.
- b) odourless.
- c) Odourless yellow to black liquid .
- d) Colourless.

148) BTU is measurement of

- a) Heat content
- b) temperature
- c) Area
- d) Volume.

149) \_\_\_\_\_ is not a fossil fuel.

- a) Wind energy
- b) Petroleum
- c) Coal
- d) Natural gas.

150) \_\_\_\_\_ reaction is continuously going on in sun.

- a) Thermostatic fission
- b) Thermostatic fusion
- c) Thermonuclear fission

d) Thermonuclear fusion.

151) How much energy from sun reaches to earth's surface?

- a)  $1.7 \times 10^{17}$  joule/second.
- b)  $3.8 \times 10^{24}$  joule /second.
- c)  $3.8 \times 10^{26}$  joule/second.
- d)  $1.7 \times 10^{26}$  joule /second.

152) the value of solar constant is

- a)  $1.353 \text{kw/m}^2$  b)  $1.358 \text{kw/m}^2$  c)  $1.533 \text{kw/m}^2$ . d) None of these.

153) Approximately \_\_\_\_ of energy striking the outer atmosphere of earth reaches its surface..

- a) 47% b) 43% c) 49% d) None .

154) The coal reservoirs are estimated to last for another \_\_\_\_ years

- a) 250 b) 192 c) 100 d) None of these.

155) The one thing that is common to all fossil fuels is that they :

- a) Contain carbon b) Have undergone the same set of geological processes during their formation .
- c) Were originally formed in marine. d) Represent the remains of one living organisms.

156) Fuel cells are;

- a) Hydrogen battery b) Carbon cell c) Nuclear cell d) chromium cell.

157) An ecological pyramid refers to the

- a) Pyramid of energy
- b) pyramid of number
- c) pyramid of biomass
- d) All of the above.

158) In services output India is

- a) 10 b) 12) c) 15) d) 4.

159) Which of the followings are include in Biogeochemical cycle.

- a) Water cycle b) Carbon cycle c) nitrogen cycle d) All of these.

160)What is the most common material used in making solar cells?

- a) silver b) Iron c) Aluminium d) Silicon.

161)The material used for the containment , protection handling delivery and presentation of goods refers to

- a) packaging b) A box c) Material handling d) Containerization.

162)What are cause of environmental degradation.

- a) Population explosion b) Improvement in science & technology resulting in Industrial Revolution  
c) Increasing consumerism. D) All of these.

163)Major Primary pollutants produced by human activity include.

- a) Sulfur oxides b) Nitrogen oxides c) Carbon monoxide & Volatile organic compounds d) All of these.

164) How many types of pollutant there are.

- a) 2 b) 5 c) 3 d) 6.

165)The industries that have scope of generation of CERs are

- a) Agriculture b) Energy c) Manufacturing units d) All of the above.

166)Which of the following gases occupies the greatest percentage of the current atmosphere on Earth

- a) Nitrogen gas b) Oxygen gas c) Carbon dioxide gas d) Ozone

167)Predict on why an animal may change their skin or fur colour with the seasons?

- a)In order to attract predators.  
b)To blend in with the surroundings and avoid predators.  
c)So predators can easily find them.  
d)All the above

168) Which of the following organism would probably belong to the same trophic level as a bear ?

- a) A deer b) An oak tree c) A wolf d)A cow.

168) Biotic environment includes

a) Producers b) consumers c) Decomposers d) All of the above.

169) Decomposers include.

a) Bacteria b) Fungi c) Both d) Animals.

170) Abiotic environment does not include.

a) Air b) Water c) Soil d) Plants .

171) Vermicomposting is done.

a) Fungus b) Bacteria c) Worms d) Animals .

172) The group of organisms which convert light into food are called.

a) Autotrophs b) Heterotrophs. c) Decomposers d) Omnivores.

173) Which one of the following is not biodegradable?

a) Vegetables b) fruits c) Earthworm d) Aluminium foil.

175) In our country the Van Mahotsav Day is observed on.

a) Second of October b) First of December c) Tenth of August d) First of July.

176) Which of the following is not a practice associated with sustainable agriculture?

a) fallowing of land b) Crop rotation c) Bio- logical control of pests d) Perennial polyculture.

177) The organisms which feed on dead organisms and excreta of living organisms are known

a) Decomposers b) Consumers c) Producers d) Carnivores .

178) A trophic level refers to

a) Area in the tropics

b) An organism's portion in a food chain

c) An organism's position in an ecosystem

d) An organism's position in a biome.

179) In a food chain animals constitute.

- a) First trophic level
- b) Second trophic level
- c) Intermediate trophic
- d) Ultimate trophic level.

180) The food chain in which micro organisms breakdown dead producers is called

- a) consumer food chain
- b) Predator food chain
- c) Parasitic food chain
- d) detritus food chain.

181) Food chain starts with

- a) producer
- b) herbivores
- c) carnivores
- d) omnivores.

182) In a food chain humans are

- a) Secondary consumers
- b) primary consumer
- c) Producers
- d) Primary and secondary consumers both

183) Which one is the correct food chain ?

- A) Phytoplankton – Zooplankton – Fish
- b) zooplankton – phytoplankton – fish .
- c) Zooplankton ---phytoplankton ---- fish .
- d) Grass –

184) A food web consists of

- a) Interlocking food chains
- b) producers consumers and decomposers
- c) A portion of food chain.
- d) A set of similar consumers.

185) Food webs are

- a) One kind of food
- b) Not related to food chains at all
- c) Inter-connected arrangement of food chains.
- d) linear arrangement of food chains.

186) An environmental problem with landfills is

a) methane production b) Incomplete production c) ground water pollution d) all of the above.

187) Which of the following is negative effects on the soil and water due to conventional , mechanized farming practices?

a) soil compaction b) reduction in soil organic matter c) soil erosion d) all of the above

188) The stage in which the biological processes is used to purify water in wastewater treatment plants Is called .

a) secondary sewage treatment b) primary sewage treatment c) waste water reduction d) biochemical reduction.

189) Minamata disease in Japan was caused due to water pollution of

a) Lead b) mercury c) methyl isocyanides d) bromine.

190) Noise is measured using sound meter and the unit is

a) Hertz b) Decibel c) Joule d) Sound .

191) All are particulate pollutants except

a) Dust b) ozone c) soot d) smoke.

192) Which of the following is an air pollutant.

a) ozone b) CFC c) Carbon dioxide d) Oxygen.

193) Noise is

a) loud sound b) constant sound c) unwanted sound d) slow sound.

194) the following steps of waste management.

a) Prevention and minimization b) Re-use c) Landfill d) All of the above.

195) Environmental protection is the fundamental duties of the citizens of the under the article.

a) 51-A (g) b) 48-A c) 47 d) 21.

196) World summit on sustainable development was held at .

A ) Johannesburg in 2002 b) Rio de Janeiro in 1992. C) Kyoto in 1994. d) Stockholm in 2000.

197) One carbon credit is equivalent to .

a)100 tons carbon reduction b) 10 tons of carbon reduction c) 1 ton of carbon reduction d) ½ ton of carbon reduction .

198) Eia was introduced in India for

a) mining projects b) airports c) new towns d) all the above.

199) Green Business incorporate the principle of.

a) Sustainability b) profit maximization c) Social commitment d) All the above.

200) The goal of national parks and wild life sanctuaries is

a) To promote international trading of animals and their products .  
b) To evacuate tribal people from forest.  
c) Conservation of wildlife.  
d) None of the above.

201) What is the harm from the depletion of earth's ozone layer?

a) The average temperature of the Earths surface will increase gradually.  
b) The oxygen content of the atmosphere will decrease.  
c) Increased amount of Ultra violet radiation will reach earth surface.  
d) Sea levels will rise as the polar ice caps will gradually melt.

202) The main problems with so- called biodegradable plastic is that .

a) only its organic portion actually decomposes.  
b) animals often choke on the plastic litter that forms .  
c) it release toxic compounds as it breaks apart.  
d) it includes a chemical made by a rare bacterium.

203)Decomposing yard waste and fruits and vegetable trimmings which can be broken down by bacteria which reduces the need for fertilizers is called as.

a) Chemical fertilizer b) Composting c) Animal dung d) none of the above.

204) Burning of which gas at landfills is responsible for Global warming?

a) Ozone b) Propane c) Oxygen d) Methane.

205) Acid rain is formed due to contribution from the following pair of gases.  
a) Methane and ozone. B) oxygen and nitrous oxide c) methane and sulphur dioxide d) Carbon dioxide and sulphur dioxide.

206) The world as world environment day is celebrated on.  
a) December 1 b) June 5 c) November 14 d) August 14

207) Litrate women can help in.  
a) Reducing infant mortality b) Reducing population growth c) Promoting female d) All of the above.

208) The women Population in the world is almost.  
a) Half b) One-fourth c) one-third d) One fifth.

209)NGOs stands for.  
a) Non governmental organization  
b) Nine government organization .  
c) Non – Gained organizations.  
d) national –Grade organization.

210)the provision for environmental protection in the constitution were made in  
a) 1976 b) 1950 c) 1982 d) 1960.

211)The provision of environment protection in the constitution were made under  
a) Article 5-A b) Article 21-B c) Article 27-B (h) d)Article 48-A & Article 51-A (g).

212) The first of the major environmental protection act to be promulgated in India was  
a) Water act b) Air act c) Environmental act d) Noise pollution act.

213) The forest conservation act was enacted in the year.  
a) 1986 b) 1974 c) 1980 d) 1972.

214) The forest act extends to the whole of india except.  
a) Uttar Pradesh b) Karnataka c) Jammu & Kashmir d)Haryana.

215) Penalty for conservation of the provisions of the forest act is under  
a) section 3A b) section 4A c) section 12A d) section 8A.

216) Minamata disease in Japan was caused due to water pollution of  
a) Lead b) mercury c) methyl isocyanides d) bromine.

217) Noise is measured using sound meter and the unit is  
a) Hertz b) Decibel c) Joule d) Sound .

218) All are particulate pollutants except  
a) Dust b) ozone c) soot d) smoke.

219) Which of the following is an air pollutant.  
a) ozone b) CFC c) Carbon dioxide d) Oxygen.

220) Noise is  
a) loud sound b) constant sound c) unwanted sound d) slow sound.

221) what should you consider while buying an environmentally friendly product?

- a) Use of minimal packaging.
- b) product can be easily disassembled .
- c) products that offer take back offers
- d) All of the above.

222) Decomposing yard waste and fruits and vegetable trimmings which can be broken down by bacteria , which reduces the need for fertilizers is called as  
a) chemical fertilizer b) composting c) Animal dung d) none of the above

223 ) The predominant source of energy on earth is  
a) Electricity b) Natural gas c) The sun, d) plants .

224) What is the most common material used in making solar cells?  
a) silver b) Iron c) Aluminium d) Silicon.

225) which of the following states in india ranks first in the installation of wind power.

- a) Gujrat b) Andhra Pradesh c) Maharashtra d) tamil nadu.

226) What kind of energy does a wind turbine use?

a) Kinetic energy b) potential energy c) Chemical energy d) thermal energy.

227) A place where many wind turbines are installed together to produce electricity is called a

a) wind farm b) Propeller collection c) Wind station d) Wind turbine station.

228) Solar photovoltaic cell converts solar energy directly into

a) Mechanical energy b) electricity c) heat energy d) transportation

229) An anemometer is an instrument used for measurement of

a) Solar radiation b) Wind speed c) Temperature gradient d) Depth in ocean.

230) Which source of renewable energy is caused by uneven heating of earth's surface?

a) Solar b) Wind c) Geothermal d) Biomass.

231) Which gas has major share in biogas

a) N<sub>2</sub> b) CH<sub>4</sub> c) CO<sub>2</sub> d) H<sub>2</sub>.

232) Biogas is produced when anaerobic bacteria digest organic matters in absence of oxygen the process called

a) Anaerobic reduction b) Anaerobic digestion c) Anaerobic oxidation d) Anaerobic drying.

233) Bio mass can be used as fuel through

a) Combustion b) fermentation c) Digestion d) All of the above .

234) The tidal waves are caused by the periodic rise and fall of oceans . it is associated with the position of

a) Moon b) Sun c) Earth d) Sea

235) Energy derived from hot spots beneath the earth is called

a) bio energy b) geothermal energy c) nuclear energy d) hydrogen energy .

236) What are the benefits of organic farming?

- a) It helps in maintaining environmental health by reducing the level of pollution .
- b) It reduces human and animal health hazards by reducing the levels of residues in the product.
- c) it helps in keeping agriculture production at a higher level and makes it sustainable.
- d) All the above.

237) The limitations of marketing philosophy is accepted by acknowledging the need to impose regulatory constraints on the market particularly the impact of marketing activity on the environment due to the concept of .

- a) Sustainable marketing b) Relationship marketing c) Green marketing d) Ethics in marketing .

238) The material used for the containment , protection handling delivery and presentation of goods refers to

- a) packaging b) A box c) Material handling d) Containerization.

239) Which of the following is not an environmental friendly packaging strategy that firms might adopt?

- a) Reduce the amount of packaging material used.
- b) Use more environmentally friendly packaging materials .
- c) Use reusable containers
- d) All of the above.

240) Which type of electricity –generating power plant releases radioactive materials as well as toxic metals such as lead and arsenic under normal operating conditions ?

- a) Nuclear b) hydroelectric c) Solar d) Coal- burning.

241) The Wild life (protection) Act contains

- a) 7 chapters b) 6 chapters c) 5 chapters d) 8 chapters.

242) The wildlife (protection) acts contains

- a) 66 sections b) 6 sections c) 7 sections d) 46 section.

243)The water (prevention and control of pollution ) Act was enacted in the year.

a) 1986 b) 1974 c)1994 d)1975.

244) The water Act contains.

a)4 chapters b) 5 chapters c) 7 chapters d) 8 chapters.

245)The water act contains

a) 64 section b) 68 section c) 45 section d) 62 sections.

246) The functions of central Board are given under

a) section 16 b) section 19 c) section 25 d) section 24.

247)The function of state board are given under.

a) Section 16 b) section 19 c) section 25 d) section 24.

248)The Environmental (protection ) Act was enacted in the year.

a) 1986 B) 1992 c) 1984 d) 1974.

249)The EPA consist ,

a) 2 chapters b) 4 chapters c) 8 chapters d) 7 chapters.

250)The EPA contains

a) 25 sections b)12 section c) 26 section d) 14 sections.