**BHARATI VIDYAPEETH INSTITUTE OF TECHNOLOGY QUESTION BANK**

**Unit Test-I (Shift:-I & II)**

Program : - Computer Engineering Group Program Code:- CM/IF/EE/EJ/IS/CE Course Title: -Environmental Studies Semester: - Fifth Course Abbr &Code:-EST(22447) Scheme: I **--------------------------------------------------------------------------------------------------**

**Chapter 1. Environment (CO1)**

Q.1 Which of these causes the sea level change over flooding due to process of melting of snow?

* + 1. Global warming b) Ozone layer Damaging

c) Both (a) and (b) d) None of these

* 1. Which of them can be recycled?
     1. Paper b) Plastic

c) Metal d) All of these

* 1. Recycle of plastic can also minimize air pollution.
     1. Yes b) No

c) Neither yes or false d) None

* 1. Recycling is best process to control pollution.
     1. True b) False

c) Neither true or false d) None

* 1. O3 is known as .
     1. Atmosphere b) Ozone

c) Oxygen d) All of these

* 1. Ozone get rupture by reaction of NOx with .
     1. Sunlight b) Water

c) Volatile organic compounds d) None

|  |  |  |
| --- | --- | --- |
| Q.7 | Third world war have impact .  a) Lithosphere | b) Hydrosphere |
|  | 1. Bio-sphere | d) All of these |
| Q.8 | Environment consist of .  a) Lithosphere | b) Hydrosphere |
|  | c) Bio-sphere | d) All of these |

* 1. Lithosphere, Hydrosphere, Bio-sphere and Atmosphere from .
     1. Environment b) Pollution

c) Pollutant d) None

* 1. Atomic oxygen reacts with to give acyl radical.
     1. Hydrocarbon b) CFC

c) SO2 d) None of the above

Q.11 The environment consists of various segments such as atmosphere, hydrosphere,lithosphere and ………..

a) Hemisphere

b) O2 sphere

c) Soil sphere

d) Biosphere

Q.12 The ………is the protective blanket of gases which is surrounding the earth. It protects the earth from the hostile environment of outer space.

a) Hemisphere

b) Atmosphere

c) Lithosphere

d) Biosphere

Q.13 ……….of the total water supply is available as fresh water in the form of rivers,lakes.,streams and ground water for human consumption and other uses.

a) 1%

b) 2%

c) 3%

d) 4%

Q.14 The lithosphere consists of upper mantle and the ……….

a) Atmosphere

b) Crust

c) Thrust

d) None of the above

Q.15 Atmosphere allows transmission of significant amount of radiation only in the regions of……….

a) 100-200 nm

b) 200-500 nm

c) 300-2500 nm

d) None of the above

Q.16 Atmosphere acts as a source for……..for plant photosynthesis and ……...for respiration.

a) O2 and CO2

b) CO2 and N2

c) NO2 and CO2

d) CO2 and O2

Q.17 ………acts as a source for nitrogen for nitrogen fixing bacteria and ammonia producing plants.

a) Atmosphere

b) Lithosphere

c) Hydrosphere

d) Nanosphere

Q.18 The ………is a collective term given to all different forms of water.

a) Atmosphere

b) Lithosphere

c) Hydrosphere

d) Nanosphere

Q.19 The ………refers to the kingdom of living organisms and their interaction with the environment.

a) Atmosphere

b) Lithosphere

c) Hydrosphere

d) Biosphere

Q.20 The biosphere is very large and complex and is divided into smaller units called………

a) Organisms

b) Ecosystems

c) Module

d) None of these

Q.21 ……….is a natural process that warms the Earth’s surface.

a) Greenhouse effect

b) Global warming

c) Deforestation

d) None of these

Q.22 How is the greenhouse effect experienced on earth?

a) Global warming

b) Pollution

c) Both a. and b.

d) None of the above

Q.23 Which of the following gases is/are responsible for global warming?

a) Carbon dioxide(CO2)

b) Water vapour (H2O)

c) Both a. and b.

d) None of the above

Q.24 In desert areas, there is large difference between day and night temperature mainly because of

a) Presence of carbon dioxide in air as it acts as barrier for emanating infrared radiation from the earth surface.

b) Presence of water vapour in air as it acts as barrier for emanating infrared radiation from the earth surface.

c) Absence of carbon dioxide in air as it acts as barrier for emanating infrared radiation from the earth surface.

d) Absence of water vapour in air as it acts as barrier for emanating infrared radiation from the earth surface.

Q.25 The radiation energy from the sun is produced by ………..

a) Fission Reaction

b) Fusion reaction

c) Both a. and b.

d) None of the above

Q.26 Which of the following mentioned GHGs has the highest atmosphere lifetime?

a) Carbon tetrafluoride

b) Nitrogen oxide

c) Methane

d) CFC

Q.27 Which of the following greenhouse gas is contributed by cattle farming?

a) Nitrogen oxide

b) Methane

c) Carbon monoxide

d) All of the mentioned

Q.28 Volcanic eruption contribute to the global greenhouse phenomenon.

a) True

b) False

Q.29 Gas molecules that absorb thermal infrared radiation and are present in large quantity to change climate system are known as…….

a) Alpha radiations

b) Beta radiations

c) Ozone gases

d) Greenhouse gases

Q.30 Greenhouse gases which is present in very high quantity is……..

a) Propane

b) Ethane

c) Carbon dioxide

d) Methane

Q.31 Exchange of outgoing and incoming radiations that keep earth warm is known as…….

a) Greenhouse effect

b) Radiation effect

c) Infrared effect

d) Ozone layer depletion

Q.32 Wavelength of infrared radiations is……..

a) Greenhouse effect

b) Radiation effect

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d) Ozone layer depletion

Q.33 Greenhouse gases effect on earth’s atmosphere is increased by………

a) CFCs(chlorofluorocarbons)

b) Air conditioners

c) Perfumes

d) Burning fossil fuels

Q.34 If atmosphere doesn’t act like greenhouse, temperature of earth would become……..

a) too pleasant to enjoy

b) too cold to survive

c) too hot to survive

d) too terrible to survive

Q.35 Waves that pass through glass walls of greenhouse are in form of………..

a) gamma rays

b) X-rays

c) infrared waves

d) Radio waves

Q.36 Global warming effects……

a) forests around the globe

b) temperature of the globe

c) wind and moisture of the globe

d) water around the globe

Q.37 The gases that contribute to the greenhouse effect on earth are, in order of greatest to smallest in importance,…………

a) CO2,H2O,CH4

b) H2O,CO2,CH4

c) CH4,CO2,H2O

d) H2O,CH4,CO2

Q.38 The order of the atmosphere layers, starting from closest to the surface to the top of he atmosphere, is……….

a) Mesosphere, Troposphere, Thermosphere, Stratosphere

b) Troposphere, Stratosphere, Mesosphere, Thermosphere

c) Thermosphere, Mesosphere, Troposphere, Stratosphere

d) Troposphere, Mesosphere, Stratosphere, Thermosphere

Q.39 By how much has atmospheric carbon dioxide concentrated increased ever since the industrial revolution?

a) 20%

b) 10%

c) 40%

d) 60%

Q.40 Which is the most abundant greenhouse gas in the atmosphere?

a) Carbon dioxide

b) Water vapour

c) Methane

d) Nitrogen

1. Explosive force of modern fusion bombs is .

|  |  |  |
| --- | --- | --- |
| a) 100 kilotons | b) | 500 kilotons |
| c) >100 kilotons | d) | None of the above |

1. Rivers, wells and ponds get polluted with .
   1. Heavy metals b) Aquatic animals

c) Chemical compounds d) None of the above

1. Contaminated agricultural run off pollutes .
   1. Food chain and food webs b) Air

c) Pesticides d) None of the above

1. WHO stands for .
   1. World Hygiene Observation b) World Health Organization

c) Wild Hazardous organisms d) None of the above

1. According to UNO, amongst present world population, .
   1. About 1 billion do not get potable water
   2. About 50%people get potable water
   3. No one faces water crisis
   4. None of the above
2. According to WHO, up to population, suffers from water borne diseases.
   1. Half of total b) One fourth of total

c) 10% of total d) None of the above

1. Guinea worm to hook worm occurs due to poor.
   1. Air quality b) Drinking water

c) Sanitation and drinking water d) None of the above

1. Diarrhoea is a borne disease.
   1. Normal water b) Air

c) Dirty water d) None of the above

1. UN suggests quantity of safe water per day per person.
   1. 20-50 liters b) >40 liters

c) <40 liters d) None of the above

1. In dry Northern china, water table drops meter per year due to .
   1. One, over pumping b) Ten, over using

c) Five, over pumping d) None of the above

1. Chinese rivers are highly polluted with .
   1. Chemicals b) Metals

c) Heavy metals d) None of the above

1. Many water conserving are invented by .
   1. Japan b) Israel

c) China d) None of the above

1. Without sanitation, drinking water is impossible.
   1. Safe, safe b) Proper, proper

c) Safe, plenty d) None of the above

1. Safe water is essential for .
   1. Hygiene b) Washing

c) Pumping d) None of the above

1. Lack of safe sanitation leads to .
   1. Diseases b) Water crisis

c) Healthy environment d) None of the above

1. “It is human right to water and sanitation” explicitly recognized by.
   1. Human Right commission b) UN General Assembly

c) Both of above d) None of the above

1. Sanitation facilities should be hygienically .
   1. Safe b) Unsafe

c) Proper d) None of the above

1. The price of water and sanitation should be .
   1. High b) Low

c) Different d) None of the above

1. Sanitation facilities should be accepted.
   1. Culturally b) Politically

c) Technically d) None of the above

1. Sanitation facilities are constructed and made .
   1. Common to all b) Gender specific

c) Only for women d) None of the above

1. Crisis related to land is due to rise in .
   1. Prices b) Population

c) Reforestation d) None of the above

1. Public awareness aims at .
   1. Protecting natural resources b) Utilizing natural resources

c) Exploiting natural resources d) None of the above

1. Our natural environment has and values.
   1. Qualitative and quantitative b) Preservation and conservation

c) Utilization and recreation d) None of the above

1. The species in world have numerous number of .
2. Complex chemicals b) Toxic elements

c) Useless substances d) None of the above

1. Some plants are useful as they produce .
   1. Medicines b) Fruits

c) Flowers d) None of the above

1. Plants are valuable resources for many .
   1. Vegetables and fruits b) Life saving medicines

c) Both of above d) None of the above

1. Aesthetic value of environment is enhanced by.
   1. Dry plants b) Green plants

c) Plants with colorful flowers d) None of the above

1. Plants are also sources of many for industries.
   1. Raw materials b) Medicines

c) Flowers d) None of the above

1. The growth of plants are .
   1. Habitat specific b) water specific

c) Air specific d) None of the above

1. We have to extinction of rare plants.
   1. Encourage b) Help

c) Protect d) None of the above

1. Once a plant/ insect species is lost, it is lost .
   1. For time being b) Forever

c) For a season d) None of the above

1. Humans do not have capacity to the lost species.
   1. Destroy b) Reproduce

c) Grow d) Generate

1. Deforestation destroys natural .
   1. Environment b) Life

c) Cycle d) Balance

1. By law, no person is allowed to or the wild species.
   1. Care, protect b) Kill, sell

c) Purchase, protect d) Care, kill

1. Wetland areas should not be to protect environment.
   1. Destroyed b) Protected

c) Preserved d) Produced

1. The environmental awareness starts with .
   1. Country b) State

c) Individual d) None of the above

1. Public awareness to protect environment would spread by .
   1. An individual b) Women

c) Children d) Society

1. To protect wild species, parks help.
   1. Regional b) National

c) Water d) All of the above

1. Wild life sanctuaries are developed to protect wild species of .
   1. Birds b) Animals

c) Tribals d) All of the above

1. Bio reserves add to value of natural environment.
   1. Protective b) Productive

c) Preservative d) Preparative

1. Mother earth is a and planet.
   1. Caring and living b) Green and water

c) Growing and safe d) None of the above

1. On bank of river Nile, civilization developed.
   1. Japanese b) Egyptian

c) Chinese d) African

1. Natural beautiful environment inspires .
   1. Artists b) Writers and poets

c) All above d) None of the above

1. Great Indian poet kalidas has written, .
   1. Meghdut b) Shakuntal

c) Mrutyunjay d) None of the above

1. The all time great book “meghdut” is written by the great Indian writer/poet .
   1. Picasso b) Kalidas

c) Vyas d) Sharatchandra

1. Natural environment serves as basis of our life.
   1. Politics b) Philosophy

c) Culture d) Cycle

1. In urban development, places are reserved for .
   1. Gardens and parks b) School and hospitals

c) All of above d) None of the above

1. For sustainable development R are followed.
   1. 5 b) 2

c) 4 d) 3

1. Reduce, Recycle, Reuse and Refuse are popularly known as, .
   1. 4 R for sustainable development b) R’s to be followed

c) Essential R’s for better life d) None of the above

1. Better than cure.
   1. Protection b) Conservation

c) Prevention d) Production

1. Conservation of forest is than regeneration of forest.
   1. Less costly b) More expensive

c) More difficult d) Easier

1. is a public movement.
   1. Sardar sarovar b) Sagar dam

c) 4R d) None of the above

1. Mr. Sundarial Bahuguna headed popular movement .
   1. Chipko Andolan

b) Ecofriendly project development

c) Dam development

d) Sardar sarovar

1. Chipko Andolan was done in .
   1. Jharkhand b) Uttarakhand

c) Kerala d) None of the above

1. Chipko Andolan was headed by .
   1. Political leader b) Nature lover

c) Spiritual leader d) None of the above

1. Sarder sarovar project is in .
   1. Andhra Pradesh b) Gujarat

c) Maharashtra d) Punjab

1. In south India, near palghat project is developed .
   1. Sardar sarovar b) Silent valley

c) Sagar dam d) Ecofriendly

1. Using mineral and power resources at high speed would be .
   1. Short sightedness b) Foresight

c) Futuristic d) Love living

1. The modern living style would lead to .
   1. Sustainable development b) Unsustainable development

c) Realistic approach d) All of the above

1. The wrong pattern of modern life style can be corrected by following .
   1. 4R b) Regeneration

c) Redevelopment d) 3R

1. The value of environment gives us peace .
   1. Aesthetic b) 4R

c) Futuristic d) Spiritual

1. A system without life .
   1. Abiotic b) Biotic

c) Sustainable d) Organic

1. Acid rain occurs due to dissolution of in rain water.
   1. Gases b) Particles

c) Somke d) Soot

1. Organisms adjust with environmental conditions is called as .
   1. Adaptation b) Reproduction

c) Development d) None of the above

1. Establishment of forests by planting trees is .
   1. Afforestation b) Reforestation

c) Deforestation d) None of the above

1. Asbestosis is disease of .
   1. Heart b) Lungs

c) Eyes d) Kidney

1. Bhopal gas tragedy occurred in year .
   1. 1984 b) 1985

c) 1990 d) 1987

1. Gas leaked in Bhopal in 1984 is .
   1. MIC b) CO2

c) NO2 d) None of the above

1. Leakage of MIC took place from storage tanks of .
   1. Union carbide b) National company

c) State company d) None of the above

1. Leakage of MIC happened in .
   1. Midnight b) Morning

c) Noon d) Evening

1. Progressive accumulation of toxic components is .
   1. Bio-accumulation b) Precipitation

c) Decantation d) None of the above

1. Wide range of flora and fauna is .
   1. Nature b) Biodiversity

c) Environment d) Ecosystem

1. Bioaccumulation is also known as .
   1. Biodiversity b) Bio magnifications

c) Precipitation d) None of the above

1. Requirement of O2 for microbial degradation of organic matter in water is .
   1. BOD b) COD

c) PPT d) PPM

1. Geographically ecological region with similarity in vegetation and climate is .
   1. Abiotic b) Biome

c) Biotic d) All of the above

1. Waste originating mainly from hospitals and clinics .
   1. Biomedical waste b) Biological waste

c) Biochemical waste d) All of the above

1. Lithosphere, hydrosphere, atmosphere together is called .
   1. Biosphere b) Environment

c) Stratosphere d) None of the above

1. Plants, animals and micro organisms from ecosystem make .
   1. Biota b) Biosphere

c) Environment d) Biome

Q.119 Evaluation of short long term effect on environment\_\_\_.

1. Environment Impact Assessment
2. Environmental influence
3. Environment Impact Analysis
4. Environment Impact Assurance

Q.120 The environment consists of various segments such as atmosphere,hydrosphere,lithosphere and ………..

a) Hemisphere

b) O2 sphere

c) Soil sphere

d) Biosphere

Q.121 The ………is the protective blanket of gases which is surrounding the earth. It protects the earth from the hostile environment of outer space.

a) Hemisphere

b) Atmosphere

c) Lithosphere

d) Biosphere

Q.122 ……….of the total water supply is available as fresh water in the form of rivers,lakes.,streams and ground water for human consumption and other uses.

a) 1%

b) 2%

c) 3%

d) 4%

Q.123 The lithosphere consists of upper mantle and the ……….

a) Atmosphere

b) Crust

c) Thrust

d) None of the above

Q.124 Atmosphere allows transmission of significant amount of radiation only in the regions of……….

a) 100-200 nm

b) 200-500 nm

c) 300-2500 nm

d) None of the above

Q.125 Atmosphere acts as a source for……..for plant photosynthesis and ……...for respiration.

a) O2 and CO2

b) CO2 and N2

c) NO2 and CO2

d) CO2 and O2

Q.126 ………acts as a source for nitrogen for nitrogen fixing bacteria and ammonia producing plants.

a) Atmosphere

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Q.127 The ………is a collective term given to all different forms of water.

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Q.128 The ………refers to the kingdom of living organisms and their interaction with the environment.

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Q.129 The biosphere is very large and complex and is divided into smaller units called………

a) Organisms

b) Ecosystems

c) Module

d) None of these

Q.130 ……….is a natural process that warms the Earth’s surface.

a) Greenhouse effect

b) Global warming

c) Deforestation

d) None of these

Q.131 How is the greenhouse effect experienced on earth?

a) Global warming

b) Pollution

c) Both a. and b.

d) None of the above

Q.132 Which of the following gases is/are responsible for global warming?

a) Carbon dioxide(CO2)

b) Water vapour (H2O)

c) Both a. and b.

d) None of the above

Q.133 In desert areas, there is large difference between day and night temperature mainly because of

a) Presence of carbon dioxide in air as it acts as barrier for emanating infrared radiation from the earth surface.

b) Presence of water vapour in air as it acts as barrier for emanating infrared radiation from the earth surface.

c) Absence of carbon dioxide in air as it acts as barrier for emanating infrared radiation from the earth surface.

d) Absence of water vapour in air as it acts as barrier for emanating infrared radiation from the earth surface.

Q.134 The radiation energy from the sun is produced by ………..

a) Fission Reaction

b) Fusion reaction

c) Both a. and b.

d) None of the above

Q.135 Which of the following mentioned GHGs has the highest atmosphere lifetime?

a) Carbon tetrafluoride

b) Nitrogen oxide

c) Methane

d) CFC

Q.136 Which of the following greenhouse gas is contributed by cattle farming?

a) Nitrogen oxide

b) Methane

c) Carbon monoxide

d) All of the mentioned

Q.137 Volcanic eruption contribute to the global greenhouse phenomenon.

a) True

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Q.138 Gas molecules that absorb thermal infrared radiation and are present in large quantity to change climate system are known as…….

a) Alpha radiations

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Q.139 Greenhouse gases which is present in very high quantity is……..

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Q.140 Exchange of outgoing and incoming radiations that keep earth warm is known as…….

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Q.141 Wavelength of infrared radiations is……..

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Q.143 If atmosphere doesn’t act like greenhouse, temperature of earth would become……..

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Q.144 Waves that pass through glass walls of greenhouse are in form of………..

a) gamma rays

b) X-rays

c) infrared waves

d) Radio waves

Q.145 Global warming effects……

a) forests around the globe

b) temperature of the globe

c) wind and moisture of the globe

d) water around the globe

Q.146 The gases that contribute to the greenhouse effect on earth are, in order of greatest to smallest in importance,…………

a) CO2,H2O,CH4

b) H2O,CO2,CH4

c) CH4,CO2,H2O

d) H2O,CH4,CO2

Q.147 The order of the atmosphere layers, starting from closest to the surface to the top of he atmosphere, is……….

a) Mesosphere, Troposphere, Thermosphere, Stratosphere

b) Troposphere, Stratosphere, Mesosphere, Thermosphere

c) Thermosphere, Mesosphere, Troposphere, Stratosphere

d) Troposphere, Mesosphere, Stratosphere, Thermosphere

Q.148 By how much has atmospheric carbon dioxide concentrated increased ever since the industrial revolution?

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c) 40%

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Q.149 Which is the most abundant greenhouse gas in the atmosphere?

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Q.151 The ………is the protective blanket of gases which is surrounding the earth. It protects the earth from the hostile environment of outer space.

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b) Global warming

c) Deforestation

d) None of these

Q.161 Technology that manipulates the genes in an organism to modify characteristics \_\_\_\_\_\_\_\_.

1. Biology
2. Microbiology
3. Biotechnology
4. Genetology

Q.162 Cyclic movement of carbon, to and from, between environment and organism,\_\_\_\_\_\_\_.

1. Corbon cycle
2. Corbonization
3. Coalition
4. Carboxylation

Q.163 A flesh eating animal\_\_\_\_\_\_.

1. Carnivore
2. Herbivore
3. Both
4. None of the above

Q.164 Maximum number of species that can be accommodated in given area (per sqare kilometer).\_\_\_\_\_\_\_.

1. Carrying capacity
2. Accommodating power
3. Accommodating quality
4. None of the above

Q.165 Tree hugging movement in Uttarakhand,\_\_\_\_\_\_.

1. Chipko Andolan
2. Asbestosis
3. Agenda 21
4. None of the above

Q.166 Oxygen required by non-biodegradable substances in water\_\_\_\_\_\_.

1. COD
2. BOD
3. Oxidation
4. Oxygenation

Q.167 Movement by women in Tehri-Garhwal in Uttarakhand,\_\_\_\_.

1. Chipko Andolan
2. Women liberalization
3. Agenda 21
4. Women Development

Q.168 Gaseous compounds of carbon, fluorine and chlorine\_\_\_\_\_.

1. CFC
2. HCP
3. CHC
4. HV

Q.169 CFC used widely as \_\_\_\_.

1. Cooler
2. Refrigerant
3. Air coolers
4. None of the above

Q.170 A stove that uses charcoal or wood as a fuel\_\_\_\_.

1. Chulha
2. Open store
3. Furnace
4. Sigri

Q.171 Organism that feeds on producer\_\_\_\_.

1. Heterotroph
2. Herbivore
3. Carnivore
4. None of the above

Q.172 Total economic and social returns against expenditure\_\_\_\_\_.

1. Cost benefit analysis
2. Cost –profit analysis
3. Price-profit estimate
4. Total analysis

Q.173 \_\_\_\_\_is number of live nirths per 1000 people population in an year.

1. Crude Birth Rate
2. Total Birth Chart
3. Additional Births
4. None of the above

Q.174 \_\_\_\_\_is number of deaths per 1000 people population in an year.

1. Depth %
2. Death chart%
3. Crude death rate
4. None of the above

Q.175 \_\_\_\_is Total socially transmitted behavior in a community.

1. Culture
2. Habits
3. Customs
4. rituals

Q.176 Wind circulates an area of low pressure anticlockwise\_\_\_\_\_.

1. Cyclone
2. Storm
3. Anticyclone
4. Wind power

Q.177 Wind speed reaches 100km per hour or more during?

1. Storm
2. Tsunami
3. Cyclone
4. Wind mill

Q.178 In\_\_\_\_,wind circulates anticlockwise in Northen Hemisphere.

1. Anticyclone
2. Storm
3. Cyclone
4. Tsunami

Q.179 In cyclone, wind circulates \_\_\_\_ in Northern Hemisphere.

1. Anticlockwise
2. Clockwise
3. Without direction
4. None of the above

Q.180 In \_\_\_\_\_,wind circulates clockwise in southern Hemisphere.

1. Cyclone
2. Anticyclone
3. Topical storm
4. None of the above

Q.181 Unit of sound intencity is\_\_\_\_.

1. Decibel
2. Bel
3. Frequency Unit
4. None of the above

Q.182 Audibility of human ear is\_\_\_\_.

1. 1 to 130 decidel
2. >100 decidel
3. <100 decidel
4. 50-100 dB

Q.183 Land degradation due to human activities\_\_\_\_.

1. Decertification
2. Erosion
3. Land slide
4. Corrosion

Q.184 physical or biological complexity of the system is\_\_\_.

1. Biodiversity
2. Diversity
3. Ecosystem
4. Culture

Q.185 The technique to distinguish between individuals of same species using DNA.

1. DNA testing
2. DNA finger printing
3. DNA analysis
4. DNA tracing

Q.186 A high level intergovernmental meeting on environment of earth.

1. Earth summit
2. Save earth
3. Save planet
4. None of the above

Q.187 Earth summit was held at\_\_\_.

1. Japan
2. Rio-de-Janero in Brazil
3. UK
4. USA

Q.188 Earth summit at Rio-de-Janero was held in year\_\_\_.

1. 1992
2. 1995
3. 1981
4. 1993

Q.189 United nations conference on environment and development (UNCED) isknown as \_\_\_).

1. Earth summit
2. Save environment movement
3. Save earth movement
4. None o fthe above

Q.190 DNA finger printing uses sample of\_\_\_.

1. RNA
2. Nails
3. DNA
4. Tissues

Q.191 DNA fingerprinting can help to distinguish between\_\_\_.

1. Different individuals of the same species
2. Different individuals of the different species
3. Individuals from different regions
4. None of the above

Q.192 The point of agreement of “Earth summit” circulated as\_\_\_\_.

1. Rio Declaration
2. UNCED minutes
3. RIO-de-Janero Declaration
4. None of the above

Q.193 The shaking and trembling of the earth is \_\_\_.

1. Earth vibrations
2. Tremors
3. Earthquake
4. None of the above

Q.194 Scale to measure intensity of earthquake is\_\_\_.

1. Richter scale
2. Vector
3. Scaler
4. dB

Q.195 Richter scale is unit to measure \_\_\_\_of the earthquake.

1. Intensity
2. Vibration
3. Frequency
4. Serverity

Q.196 the variety of habitates is \_\_\_.

1. Ecosystem Diversity
2. Ecological Variation
3. Biodiversity
4. Diversity

Q.197 A group of co-existing organisms which in teract with the environment.

1. Diversity
2. Ecosystem
3. Biodiversity
4. Will

Q.198 One id able to do work due to \_\_\_\_\_.

1. Energy
2. Heat
3. Force
4. None of the above

Q.199 “Something the environs” is\_\_\_.

1. Environment
2. Surrounding
3. Encircle
4. None of the above

Q.200 Evaluation of short long term effect on environment\_\_\_.

a) Environment Impact Assessment

b) Environmental influence

c) Environment Impact Analysis

d) Environment Impact Assurance

**Chapter 2. Energy Resources (CO2)**

Q.1) This area has no permanent roads or settlements and is maintained primarily for its primitive character and non-motorized recreation. It is a…….

a) wilderness area

b) primitive recreation area

c) national park

d) national forest

Q.2) Where will the water sit the longest (longest renewal time)?

a) atmosphere

b) freshwater lake

c) glacier

d) ocean

Q.3) Which one is not a disadvantageof a big dam?

a) extremely expensive

b) flooding of prime arable land

c) electric energy generated from hydropower

d) blocking upstream migration of salmon

Q.4) Which of the following sources provides the least energy for industrialized countries?

a) pertroleum

b) nuclear fuels

c) coal

d) gas

Q.5) Which of the following energy sources provides a substantial amount of the energy needs for developed countries?

a) hydropower

b) wood

c) solar

d) charcoal

Q.6) Which of the following is a highly exploited natural resource?

a) water

b) air

c) soil

d) none of these

Q.7) What are called “Pastures of the sea”?

a) estuaries

b) antartic divergence

c) coastal water

d) all of the above

Q.8) Which inhibits the native plant life on Antartica from flourishing?

a) temperature

b) volcanoes

c) drought

d) ice

Q.9) Soil containing many single soil called

a) pedon

b) poly pedon

c) regolith

d) profile

Q.10) Ground water is depleting at the rate of

a) 10cm/year

b) >10cm/year

c) <10cm/year

d) <5cm/year

Q.11) Only …….% of total water resources is available for human use

a) 0.2%

b) 2.5%

c) 6.12%

d) 6.5%

Q.12) Resources which are not reproducible are called

a) non reproducible resources

b) non renewable resources

c) renewable resources

d) cyclic resources

Q.13) Soil fertility is an example for …….resource

a) non reproducible resources

b) non renewable resources

c) renewable resources

d) cyclic resources

Q.14) Which one of the following is a passive factor affecting soil formation

a) topography

b) time

c) parent material

d) all of the above

Q.15) Drought is caused due to …….

a) variability in rainfall

b) delay in onset of monsoon

c) duration of the break in monsoon

d) all of the above

Q.16) The main driving force of ecological system is

a) wind energy

b) water energy

c) solar energy

d) earth energy

Q.17) Oxygen is an example of

a) renewable resources

b) non-renewable resources

Q.18) Coal is an example of

a) renewable resources

b) non-renewable resources

Q.19) Coal, petroleum and natural gas are called as

a) non-fossil fuels

b) fossil fuels

c) semi-fossil fuels

d) transparent fuels

Q.20) Minerals rocks, salts and chemical are termed as

a) abiotic resources

b) biotic resources

c) semi-transparent resources

d) falling resources

Q.21) Mineral resources are the natural resources.

a) yes

b) no

Q.22) As per the ecological uses, a typical tree produces commercial goods worth about rs.

a) 100

b) 1000

c) 3000

d) 30,000

Q.23) The tree is called as, Earth’s

a) heart

b) brain

c) lungs

d) beli

Q.24) The main greenhouse gas is absorbed by the forests as a raw material for photosynthesis.

a) O2

b) CO2

c) SO2

d) O3

Q.25) About ….. million species are found in the tropical forest alone.

a) 5

b) 10

c) 7

d) 100

Q.26) As per MOEF Annual Report(2005-06) in India total forest area is about

a) 68,000,000 ha

b) 10,000,000 ha

c) 10,686,800 ha

d) 20 ha

Q.27) Chhota Nagpur is famous for

a) sugar

b) tea gardens

c) rose gardens

d) rice mills

Q.28) About …….. % of the earths surface is covered by water.

a) 10

b) 100

c) 90

d) 75

Q.29) A layer of sediment or rock that is highly permeable and contains water is called

a) aquifer

b) spring

c) glasier

d) seepage

Q.30) Diamond is the non-metallic minerals.

a) true

b) false

Q.31) Graphite is the non-metallic minerals.

a) true

b) false

Q.32) FAO stands for

a) Food And Agriculture Organisations

b) Food And Agro Organisation

c) Frequent Agriculture Organisation

d) Flood And Agriculture Organisation

Q.33) CNG stand for

a) cooling natural gas

b) compressed natural gas

c) compound natural gas

d) critical natural gas

Q.34) During photosynthesis trees produce

a) oxygen

b) CO2

c) CO

d) nitrogen

Q.35) Forests prevents soil erosion by binding soil particles by their

a) steams

b) leaves

c) roots

d) buds

Q.36) Wood pulp is used for making

a) lumber

b) paper

c) chipboard

d) gum

Q.37) Pre capita use of water is the highest in

a) USA

b) India

c) Indonesia

d) Kuwait

Q.38) Blue baby syndrome (methaemoglobinemia)

a) sulphur

b) arsenic

c) phosphates

d) nitrates

Q.39) As per environmentalists we should ideally have ….. cover of forest

a) 33%

b) 43%

c) 53%

d) 63%

Q.40) …….% of water on the earth is salt water

a) 97

b) 87

c) 77

d) 67

Q.41 Which one of the following is an example of non-renewable resources?

a) Wind

b) vegetation

c) coal and minerals

d)Water

Q.42 Which of the following id renewable resource?

a) Wind

b) Water

c) flora and fauna

d) All of the above

Q.43 which gas in stratosphere does provide protection to our life

a) Argon

b) nitrogen

c) Oxygen

d) Ozone

Q.44 The life supporting gasses such as O2 CO2 and N2  are chiefly concentrated in the………………..

a) Troposphere

b) Exosphere

c) Homosphere

d) Stratosphere

Q.45 Floods can be prevented by

a) afforestation

b) removing the top soil

c) cutting the forest

d) tilling the land

Q.46 Biogas generation mainly based on the principle of……………..

a) anaerobic degradation

b) aerobic decomposition

c) putrefaction

d) none of the above

Q.47 Which one of the following is not fossil fuel?

a) Petroleum

b) Coal

c)Natural gas

d) Uranium

Q.48 The death of the last individual of a species is called……………

a) extinction

b) endanger

c) neither nor

d) diversity

Q.49 Atomic energy is obtained by using ores of ………………….

a) copper

b) uranium

c) lead

d) crude oil

Q.50 ………..is the major new material for biogas.

a) Tree leaves

b) Grass

c) cow dung

d) Waste from kitchen

Q.51 In the atmosphere the layer above the troposphere is……………

a) exosphere

b) mesosphere

c) stratosphere

d) thermosphere

Q.52 Both power and manner provide by……………..

a) exosphere

b) mesosphere

c) stratosphere

d) thermosphere

Q.53 Which of the following is not considered to the natural resource

a) soil

b) river

c) scenery

d) climate

e) all of the above are example natural resources

Q.54 Total earth’s surface covered by water is……………

a) 75%

b) 80%

c) 60%

d) 65%

Q.55 biotic component of biosphere is not constituted by……………

a) producer

b) decomposer

c) consumer

d) air

Q.56 An increase in cartoon dioxide content in the atmosphere would not couse…

a) more heat to be retained by the environment

b) increase in photosynthesis in plants

c) global warming

d) abundance of desert plants

Q.57 Oxygen is returned to the atmosphere mainly by………

a) respiration

b) photosynthesis

c) fungi

d) burning fuels

Q.58 Among the options , which one is not correct for the use of large amount of fertilisers and pesticides

a) They are eco-friendly

b) they turn the fields banners after some times

c) They adversely affects the useful component from the soil

d) They destroy the soil fertility

Q.59 Which rays are stopped by ozone layer in stratosphere?

a) UV rays

b) Infrared

c) X-rays

d) Gamma rays

Q.60 Atmosphere not heated by the sun does not cause

a) air flows

b) variations in climate

c) rainfall

d)tides

Q.61 Which is not true

a) Lithosphere include the crust and the upper most mantle

b) lithosphere is underlain by the asthenosphere

c) lithosphere is provide timber

d) lithosphere is broken into tectonic plates

Q.62 which is false about biosphere

a) it is the global sum of all ecosystems

b) it is called as the zone of life on earth

c) It does not contain microbes

d) It has evolved at least some 3.5 billion years ego

Q.63 natural resources do not include…………….

a) water

b) refined oil

c) air

d) wood

Q.64 demand for resource does not change with the change in

a) idea

b) need

c) technology

d) economy

Q.65 A renewable resource is a resource which replaced………..

a) naturally

b) by human

c) by animals

d) all of the above

Q.66 Which is true

a) oxygen content may not get reduced if forest cover is not sufficient on the earth

b) forests can be said to behave like non-renewable resources if not overused.

c) fishes are capable of reproducing at the rate at which they are being caught

d) None of the above

Q.67 non-renewable resources, once used ………

a) remain one earth difference form

b) become waste material

c) are recycled

d) all of the above

Q.68 which the following is better definition for natural resources conservation?

a) protection of wildlife

b) environmental activism

c) efficient use of natural resources

d) preservation of natural resources

Q.69 What was the approximate world population of humans in the year 2008?

a) 667 billion

b) 66 billion

c) 6.67 billion

d)6.67 million

Q.70 Which of the following renewable resource?

a) salmon population that is farm raised

b) sulfur

c) light sweet crud oil shipped from saudi Arabia

d) iron ore that is commercially mined

Q.71 Which option below in not an example of pollution

a) smog in delhi

b) nuclear waste

c) overpopulation

d) untreated sewage

Q. 72 firtile soil always a renewable resource

a) true

b) false

Q.73 progress that meets the needs of the present without compromising the ability of future generations to meet their own needs is

a) the tragedy of commons

b) sustainable development

c) net primary productivity (NNP)

d) the impossibility theorem

Q.74 Biodiversity

a) Include genetic, species ,ecosystem, and functional diversities

b) refers to diversifying earth non renewable resources

c) refers to reconstruction of tropical rain forest

d) refers to biological effect to commercial plantation

Q.75 The greenhouse effect is in the phenomenon by which

a) biological diversity is dominant in agricultural production

b) the globe’s water pollution a effects plankton

c) the earth atmosphere traps infrared radiation

d) climatic changes occur naturally in the forest

Q.76 Of given below which is the non conventional source of energy

a) sun

b) coal

c) Wood

d) diesel

Q.77 percentage of total water found as fresh water is…….

a) 87.5%

b) 2.5%

c) 97.5%

d) 75%

Q.78 mining depends upon

a) Concentration of mineral only

b) Ease of extraction

c) Nearness to the market

d) All of the above

Q.79 ideally cover of forest should be ……..of the total area of country.

a) 23%

b) 30%

c) 33%

d) 40%

Q.80 This area has no permanent roads or settlement and is maintained primarily for its primitive character and non motorized recreation .It is a..

a) wilderness area

b) primitive recreation area

c) national park

d) national forest

Q81. Which one of the following is an example of non-renewable resources ?

a. Wind b. Water

c. Vegetation d. Coal and Minerals

Q82. Which of the following is a renewable resources ?

a. Soil b. Water

c. Flora and fauna d. All the above

Q83. \_\_\_\_\_\_\_\_\_\_\_\_ of stratosphere provides protection to our life .

a. Nitrogen b. Hydrogen

c. Ozone d. Argon

Q84. The life supporting gases such as O2,CO2 and N2 are chiefly concentrated in the \_\_\_\_\_\_\_\_\_\_.

a. troposphere b. exosphere

c. homosphere d. stratosphere

Q85. Which of the following soil is best for plants growth ?

a. sandy soil b. clay

c. gravel d. loamy soil

Q86. Both power and manure are provided by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

a. thermal power b. nuclear plants

c. biogas plants d. hydroelectric plants

Q87. In the atmosphere , the layer above the troposphere is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

a. stratosphere b. exosphere

c. mesosphere d. thermosphere

Q88. \_\_\_\_\_\_\_\_\_\_\_ is the major raw material for biogas.

a. plant leaves b. cow dung

c. mud d. grass

Q89. A biosphere reserve conserves and preserves \_\_\_\_\_\_\_\_\_\_.

a. wild animals b. wild lands

c. natural vegetation d. all the above

Q90. Atomic energy is obtained by using ores of \_\_\_\_\_\_\_\_\_\_\_\_.

a. copper b. uranium

c. neither(a) or (b) d. both (a) or(b)

Q91. Sanctuaries are established to \_\_\_\_\_\_\_\_\_\_\_\_\_.

a. rear animals for milk b. entrap animals

c. protect animals d. none of the above

Q92. The death of the last individual of a species is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

a. extinction b. clad

c. neither (a) or (b) d. species diversity

Q93. Which one of the following is not a fossil fuel ?

a. natural gas b. petrol

c. coal d. uranium

Q94. Biogas generation is mainly based on the principle of \_\_\_\_\_\_\_\_\_\_.

a. fermentation b. degradation

c. purification d. both (a) or (b)

Q95. Red Data Book provides a list of \_\_\_\_\_\_\_\_\_.

a. advance plants

b. rare , endangered or endemic species

c. disease resistant animals

d. none the above

Q96. Floods can be prevented by \_\_\_\_\_\_\_\_.

a. afforestation

b. cutting the forest

c. tilling the land

d. removing the top soil

Q97. Which of the following is a green house gas ?

a. nitrogen dioxide

b. sulphur dioxide

c. carbon dioxide

d. carbon monoxide

Q98. Narmada bachao andolan was to \_\_\_\_\_\_\_.

a. clean narmada

b. expand narmada

c. save narmada

d. none of the above

Q99. Which of the following is best method from environment point of view ?

a. reduce

b. recycle

c. reuse

d. all of the above

Q100. The full form of UV rays is \_\_\_\_\_\_.

a. ultra violet

b. ultra violent

c. ultra valve

d. ultimate violet

Q101. Synthetic material / chemical which depleted Ozone layer is \_\_\_\_\_\_\_\_.

a. CFCs

b. CFLs

c. CO2

d. none of the above

Q102. What is coliform ?

a. group of bacteria

b. group of viruses

c. group of micro-organisms

d. groups of diseases

Q103. What is the name given for replenishment of forest ?

a. afforestation

b. silviculture

c. deforestation

d. sericulture

Q104. Why should we conserve forest and wild life ?

a. to protect biodiversity

b. to maintain ecosystem

c. to maintain balance

d. to continue food chain

Q105. Water harvesting is a method which \_\_\_\_\_\_\_\_\_.

a. increase ground water level

b. not practiced in modern days

c. has no relation with ground water

d. decrease ground water level

Q106. Energy we use to heat our homes , drives our cars and run our computers comes from \_\_\_\_\_\_\_\_\_.

a. artificial resources

b. natural resources

c. renewable resources

d. non renewable resources

Q107. Way we consume these renewable resources it effects their \_\_\_\_\_\_\_\_.

a. efficiency

b. power

c. availability

d. cost

Q108. To preserve resources for future we have to \_\_\_\_\_\_\_.

a. look for more

b. save them

c. consume more of them

d. use them more frequently

Q109. Most natural resources we consume at our homes or in our cars are \_\_\_\_\_\_.

a. renewable

b. non renewable

c. infinite

d. free

Q110. For travelling short distance best way to conserve natural resources is \_\_\_\_\_\_.

a. by driving

b. by flying

c. by talking lift

d. by cycling

Q111. What strategies has been taken by government for conservation of natural resources ?

a. implementation of a laws

b. minimizing human activities

c. less use of coal

d. all of them

Q112. When natural resources are changed into another product by people is known as \_\_\_\_\_\_.

a. secondary activities

b. primary activities

c. nutrient cycling

d. tertiary activities

Q113. Resources that people use are concentrated on the \_\_\_\_\_\_.

a. ocean shelf

b. continental shelf

c. ocean

d. water earth

Q114. Natural resources and wild life are destroy in which bulinding which source of energy ?

a. solar energy

b. wind energy

c. hydro energy

d. nuclear energy

Q115. The resource which are found every where are know as \_\_\_\_.

a. ubiquitous

b. non-renewable resources

c. human made resources

d. none of the above

Q116. The following is are the non renewable resources \_\_\_\_.

a. coal

b. petroleum

c. natural gas

d. all of the above

Q117. Balancing the need to use resources and also conserve them for the future is called \_\_\_\_\_.

a. sustainable development

b. resources conservation

c. resources development

d. human resources development

Q118. The resources can be conserved by reducing \_\_\_\_\_\_\_.

a. consumption

b. recycling

c. reusing

d. all of the above

Q119. Land covers \_\_\_\_\_\_\_ percent of the total area of the earth’s surface

a. 20

b. 25

c. 30

d. 35

Q120.the total percent of land of world under forest is \_\_\_\_\_\_\_\_.

a. 26

b. 31

c. 36

d. 41

Q121.The thin layer of grainy substance covering the surface of the earth is called \_\_\_\_\_\_\_\_.

a. soil

b. sand

c. mineral

d. organic matter

Q122. The following is (are)not a factor(s) of soil formation

a. organic matter

b. soil texture

c. minerals

d. all

Q123. The major major factor(s) of soil formation is (are)

a. the nature of the parent rock

b. climatic factors

c. time taken for the composition of soil formation

d. all of the above

Q124. The following factor(s) is (are) responsible for degradation of soil \_\_\_\_\_\_.

a. chemical fertilizers

b. landslides

c. floods

d. all of the above

Q125.the process in which bare ground between plants is covered with a layer of organic matter like straw , is called \_\_\_\_\_\_.

a. mulching

b. contour carriers

c. shelter belts

d. intercropping

Q126. The process in which different crops are grown in alternate rows and are sown at different times to protect the soil from rain wash, is known as \_\_\_\_\_\_.

a. crop rotation

b. intercropping

c. terrace framing

d. contour cropping

Q127. All the forms of water that comes down on earth, including rain, snow, hail etc . is known as \_\_\_\_\_\_\_\_.

a. calcification

b. fixation

c. precipitation

d. accumulation

Q128. The oceans covers \_\_\_\_\_\_\_ percentage of earth’s surface.

a. 51%

b. 61%

c. 71%

d. 91%

Q129. Green revolution is associated with……..

a. sericulture

b. agriculture

c. fish culture

d. silviculture

Q130.The components of LPG are…….

a. Methane & Hexane

b. Propane &Butane

c. Ethane &Methane

d. Propane& Ethane

Q131. Major consumer of wood from forest is \_\_\_\_\_\_\_.

a. thermal power plant

b. paper industry

c. chemistry industry

d. none

Q132.The portion of the earth and its environment which can support life is known as \_\_\_\_\_\_\_.

a. crust

b. biosphere

c. exosphere

d. atmosphere

Q133. What is troposphere ?

a. portion of air

b. portion of water

c. lowest layer of atmosphere where we survive

d. portion of sky

Q134. The main energy source for the environment is \_\_\_\_\_\_.

a. solar energy

b. chemical energy

c. bioelectric energy

d. electrical energy

Q135. Which gas is likely to be reduced in the atmosphere by deforestation ?

a. carbon dioxide

b. nitrogen

c. oxygen

d. sulphur dioxide

Q136. What are rodenticides ?

a. that kill fishes

b. that kill insects

c. that kill rats

d. that kill crocos

Q137. Which of the following is most responsible for world water crisis ?

a. dams

b. floods

c. drought

d. population growth

Q138. The resources that can be replaced by natural ecological cycle is called \_\_\_\_\_\_.

a. renewable

b. non-renewable

c. exhaustible

d. natural

Q139. The amount of solar radiation reaching the surface of the earth is called \_\_\_\_\_\_.

a. solar flux

b. reflected light

c. minerals

d. solvent

Q140. The most harmful of ultraviolet radiations are \_\_\_.

a. UV-C

b. UV-B

c. UV-A

d. all of the above

Q141. Grassland of USA is referred to as \_\_\_\_.

a. prairies

b. steppes

c. pampas

d. veldts

Q142. Extensive planting of trees to increase forest cover is called \_\_\_\_\_.

a. afforestation

b. agroforestry

c. deforestation

d. social forestry

Q143. Soil erosion can be prevented by \_\_\_\_\_\_.

a. deforestation

b. afforestation

c. overgrazing

d. removal of vegetation

Q144. A renewable source of energy is \_\_\_\_\_\_.

a. petroleum

b. coal

c. nuclear fuel

d. trees

Q145. ‘Smog’ is mixture of \_\_\_\_\_\_\_\_.

a. smoke and fog

b. snow and fog

c. snow and dust

d. sulphur dioxide and fog

Q146. Moisture in the air is known as \_\_\_\_\_\_.

a. water

b. fog

c. snow

d. humidity

Q147. The capacity to do work is termed as \_\_\_\_.

a. power

b. force

c. strength

d. energy

Q148. Ozone layer is present in \_\_\_\_\_\_.

a. troposphere

b. stratosphere

c. mesosphere

d. ionosphere

Q149. Ozone umbrella is located in which layer of atmosphere \_\_\_\_\_\_\_.

a. troposphere

b. stratosphere

c. mesosphere

d. ionosphere

Q150. The unit of total water content of the soil is know as \_\_\_\_\_\_.

a. holard

b. charserd

c. echard

d. all of the above

Q151. Pedology ?

a. study of water

b. study of air

c. study of soil

d. none of the above

Q152. What is deforestation ?

a. product of forest

b. destruction of forest

c. forest production

d. none

Q153. Deforestation generally decrease \_\_\_\_\_\_.

a. global warming

b. drought

c. soil erosion

d. rainfall

Q154. Which among the following result in the formation of soil ?

a. radiation

b. weathering

c. erosion

d. pollution

Q155. Mulching helps in \_\_\_\_\_\_.

a. soil fertility

b. moisture conservation

c. improvement soil structure

d. soil sterility

Q156. Atmosphere humidity is measured by \_\_\_\_\_.

a. auxanometer

b. photometer

c. hygrometer

d. none

Q. 157. Activity that protects environment  
 a)Ecofriendly  
 b)Safe   
 c)Green  
 d)Ecology  
  
Q. 158. Code of conduct based on moral values  
 a)Attitude  
 b)Asthetic  
 c)MoralssM  
 d)Ethics

Q. 159. Electronic waste generated  
 a)E-waste  
 b)Solid waste  
 c)Biomedical waste  
 d)Electronic waste

Q. 160. Regional animals and animal life  
a) Fauna  
 b)Flora   
 c)ecosystem  
 d)None of the above

Q. 161. Regional plants growing naturally  
a) Flora   
 b) Fauna   
 c) Ecosystem  
 d) Forest

Q. 162. Excessive intake of fluoride causes   
a) Thyroid problem  
b) Fluorosis   
 c) Fluorination  
 d) Fluorolysis

Q. 163. Fluorosis is caused due to excessive intake of  
a) lodine  
 b)Fluorine  
 c)CFC  
 d) Fluorides

Q. 164. Fly Ash is\_\_\_\_\_portion of solid fuel.  
a) Combustible  
 b) Non-combustible  
 c)partially burnt  
 d)Harmful

Q. 165. Particles floating in air due to non-combustible\_\_\_\_\_\_\_\_portion of solid fuel are  
a) Fly Ash   
 b)Ash  
 c)Dust  
 d)Particles  
Q. 166. Chain of food transfer from primary producer tovarious consumers   
a) Food web  
b) Food chain  
c) Food cycle  
 d) None of the above

Q. 167. Large no. of trees naturally grown in area  
a) Forest  
 b) Garden   
 c) Mangrove  
 d) None of the above

Q. 168. Remains of organisms converted into fuels  
a) Fossil fuels  
 b) Carbon credits  
 c) Carbon ppt.  
 d) None of the above

Q. 169. Frugivorous" term is used for creatures which depend only on  
a) Vegetables  
 b) Fruits  
 c) Grass  
 d) Seeds

Q. 170. Slow gradual rise in temperature of due to  
green house gases  
a) Global warming  
 b) Thermal pollution  
 c)Heat Transfer  
 d) None of the above

Q. 171. Green House gases are responsible for  
a) Excess Heat  
 b) Global warming  
 c) None of the above  
 d) Acid Rain

Q. 172. Region suitable for grass to few trees to grow  
a) Grass land  
b) Wet land  
 c) None of the above  
 d) Green park

Q. 173. Effect due to green house gases  
a) Green House effect  
b) Green park  
c) Green chemistry   
d) None of the above

Q.174. CO2 is  
a) Green House Gas  
 b) Red in colour  
c) Insoluble in water  
 d) Heavier than air

Q. 175. During second half of twentieth century the world saw  
a) Famine  
 b) Green Revolution  
 c) Desertification  
 d) None of the above

Q. 176. Green Revolution is\_\_\_\_\_growth of world food production.  
a) Rapid  
 b) Steady  
 c) None of the above  
 d) Slow

Q. 177. Green Revolution was mainly in \_\_\_\_countries  
a) Developing   
 b) Developed  
 c) Small  
 d) Large

Q. 178. An area where biological population oCcurs  
a) Ecosystem  
 b) Habital  
 c) Divinity  
 d) Diversity

Q.179. Violent storm with very strong winds  
a) Anti cyclone  
 b)Cyclone  
 c) Tsunami  
 d) Hurricane

Q. 180. Western Atlantic ocean experience  
a) Volcano  
b) Hurricane  
 c) Storm  
 d) Cyclone

Q. 181. Cycle of evaporation of water to rain fall is   
a) Hydrological  
 b) Rain  Cycle  
 c) Nitrogen cycle  
d) Carbon cycle

Q. 182. Electric power from water  
a) Hydro energy  
b) Hydropower  
 c) Wind energy  
 d) Thermal power

Q. 183. Turbines are driven using  
a) Hydro power  
 b) Electricity  
 c) Wind energy  
 d) Power

Q. 184 Process of burning waste material to ashes in incinerator  
a) Incineration  
 b) Combustion  
 c) Burning  
 d) Disposal

Q. 185. Process of burning waste material in special furnace called as  
a) Incineratione   
 b) Ash formation  
 c) Combustion  
 d) Disposal

Q. 186. Outside city where municipal waste is dumbed  
a) Wet land  
b) Land fill  
 c) Garbage  
 d) Grass land

Q. 187. A tropical vegetation of shrubs and trees  
a) Mangroves  
b) Forest  
c) Marine vegetation  
d) None of the above

Q. 188. Protocol made in 1987.  
a) Montreal protocol  
 b) Agenda 21  
 c) Green Revolution  
 d) Malthus law

Q. 189. Montreal protocol established in   
a) 1987   
b) 1985   
c) 1992   
d) 1986

Q. 190. Montreal protocol is on substances that  
a) Deplete ozone  
b) Cause Acid Rain  
c) Cause Global warming  
d) None of the above

Q. 191. Montreal protocol was made under the auspices of   
a) UN  
 b) UK    
 c) USA   
d) China

Q. 192. An Amendment to Montreal protocol was done inyear  
a) 1987  
 b) 1992  
 c) 1985  
 d) 1988

Q. 193. Total\_\_\_\_\_\_\_nations signed montreal protocol.   
a) 93   
 b) 112  
 c) 55  
 d) 95

Q. 194. Resources in earth's crust  
a) Natural  
 b) Renewable  
 c) Ancient  
 d) Plenty

Q. 195. Preventing overexploitation of non-renewable natural resources  
a) Nature conservation  
b) Environmental degradation  
c) Exploiting biodiversitye her  
d) None of the above

Q. 196. An organization that works outside government  
a) NGO  
b)Nature lowers  
c)Activists  
d)Antisocial

**UNIT 3:- ECOSYSTEM AND BIODIVERSITY (CO3)**

Q.1 The study of ecosystems is called as

(a) Environment (b) Ecology  
(c) E-study (d) Cosmos

**Q. 2** The term Ecology was given by….... in 1869  
(a) Earnest Haeckel (b) Newtons

(c) S. W. Flemig (d) S. D. Lal

**Q. 3** Photosynthesis is also known as

(a) photo citosis (b) photo-crysis  
(c) photo autotrophs (d) photo-geology

**Q. 4** The sequence of eating and being eaten in an ecosystem is known as  
(a) Food supply (b) Food constant  
(c) Food habit (d) Food chain

**Q.5** Grass Rabit Fox is an example of  
 (a) parallel food chain (b) grazing food chain

(c) animal food chain (d) detritus food chain

**Q.6**  There are mainly two types of food chain, one is grazing food chain and other is  
(a) animal food chain (b) auto food chain  
(c) grazing-auto food chain (d) detritus food chain

**Q.7** The grazing food chain derives energy from….. ....energy.  
(a) plant (b) fish  
(c) animals (d) sun

**Q.**8. To maintain ecological balance and regulate the population size of different animals, this is useful  
(a) Sun chain (b) Wind chain  
(c) Food chain (d) Grass chain

**Q.** **9** Food web is a network of  
(a) food resort (b) food balance  
(c) food chains (d) food supply and demand

**Q.** **10** Number of options of eating and being eaten at each trophic level is available in  
(a) food chain (b) food web(c) solar chain (d) cosmos web

**Q. 11**  Ecological pyramids are of three types. One is pyramid of numbers, second is pyramid of biomass and third is pyramid of  
(a) sun (c) water  
(b) wind (d) energy

**Q. 12**  The most important feature of energy flow in ecosystem is that it is  
(a) one way flow (b) two way flow  
(c) three way flow (d) no flow

**Q.13**  The flow of energy follows the two laws of  
(a) kinetics (b) kinematics  
(c) statistics (d) thermodynamics

**Q. 14**  Energy flow through an ecosystem was explained by  
(a) E. P. Odum (b) E.P. Rax  
(c) E. P. Zen (d) E. P. Watson

**Q.15**  Double channel energy flow model is also called as……....

(a) X-shaped energy flow model (b) Y-shaped energy flow model(c) Z-shaped energy flow model (d) A-shaped energy flow model

**Q.16**  About 1/3rd of our land area is covered by

(a) deserts (b) grassland

(c) water (d) forest

**Q. 17**  Dal lake is in

(a) Srinagar (b) Delhi  
(c) Yavatmal (d) Nainital

**Q. 18** Fishes are the example of……….organisms.  
(a) Neustons (b) Nektons

(c) Benthos (d) Periphytons

**Q. 19** Herbivores means

(a) plant eaters (b) meat eaters

(c) both plant and meat eaters (d) none of these

**Q. 20** Herbivores are also called as

(a) primary consumers (b) secondary consumers

(c) tertiary consumers (d) none of these

**Q. 21** The organisms who feed directly on producers are called

(a) carnivores (b) herbivores

(c) omnivores (d) none of these

**Q. 22**  Carnivores means

(a) plant eaters (b) meat eaters

(c) fish eaters (d) none of these

**Q. 23**  Carnivores are also called as

(a) primary consumers (b) secondary consumers

(c) tertiary consumers (d) omnivores

**Q. 24**  Pyramid of……. is always upright.

(a) energy (b) biomass

(c) forest (d) mass

**Q. 25**  Movement of nutrients in an ecosystem is cyclic, while flow of energy is

(a) zero directional (b) uni directional

(c) two directional (d) Y and Z directional

**Q. 26**  The organisms which fed on dead organic matter is called as

(a) saprotrophs (b) fungi

(c) zooplanktons (d) algae

**Q. 27**  The organisms which feed on dead organisms, wastes of living organisms are called

(a) chemotrophs (b) carnivores

(c) detritivores (d) decomposers

**Q. 28**  The progressive accumulation of some non-biodegradable chemicals through the food chain is known as

(a) Ecological balance (b) Biological inflection

(c) Biological magnification (d) Bio-degradation

**Q. 29**  The totality of genes, species and ecosystem of a region is called as

(a) Bio-society (b) Biodiversity

(c) Bio-living (d) Bio-physics

**Q. 30**  Approximately ….% of the known species are insects.

(a) 31 (b) 21

(c) 11 (d) 61

**Q. 31**  Only ….species of mammals are known to science

(a) 2100 (b) 2760

(c) 4650(d) 1111

**Q. 32**  Thar in India is a

(a) desert (b) sea

(c) river (d) muddy land

**Q. 33**  Chilka lake is in

(a) Maharashtra (b) Bihar

(c) Orissa (d) U.P.

**Q. 34**  The biological diversity include three hierarchical levels (1) genetic diversity, (2) species diversity and third is

(a) community and ecosystem diversity (b) animal and plant diversity

(c) local diversity (d) mollusks diversity

**Q. 35**  The genetic variation existing within a species is called

(a) genetic diversity (b) local animal diversity

(c) species diversity (d) ecosystem diversity

**Q. 36**  ………… plays a key role in the maintenance of diversity at species and community level.

(a) Speciation (b) Species richness

(c) Roll of species in land (d) Evenness of species

**Q. 37**  The evolution of new species is called as

(a) citation (b) mutation

(c) mitigation (d) speciation

**Q. 38**  The species diversity of a region is measured on the basis of two parameters one is evenness and other is

(a) species richness (b) equitability

(c) odness (d) speciation

**Q. 39**  The number of species per unit area is known as

(a) evenness (b) equitability of species

**(c) species richness**  (d) speciation

**Q. 40**  There are three perspectives of the diversity at the level of community. There are (a) alpha diversity, (b) beta diversity and (c)……… diversity

(a) sigma (b) zeta

(c) gamma (d) magma

**Q. 41**  The diversity within the community is involves in

(a) sigma diversity (b) beta diversity

(c) gamma diversity (d) alpha diversity

**Q. 42**  . Diversity between the communities is refers in

(a) sigma diversity (b) beta diversity

(c) gamma diversity (d) alpha diversity

**Q. 43**  . ……….. refers to the diversity of the habitats over the total landscape or geographical area.

(a) Beta diversity (b) Alpha diversity

(c) Sigma diversity (d) Gamma diversity

**Q. 44** Species determining the ability of large number of other species to persist in the community is called as

(a) keystone species (b) alpha species

(c) grass species (d) variant species

**Q. 45**  About ….% of the Indian landmass is occupied by Deccan peninsula.

(a) 25 (b) 35

(c) 42 (d) 61

**Q. 46**  About 42% of the Indian landmass is occupied by

(a) Deccan peninsula (b) Thar desert

(c) Sea (d) Grassland

**Q. 47** The species which are condifined to a particular country is called

(a) Magnified species (b) Definite species

(c) De-magnified species (d) Endemic species

**Q.48**  Plant based synthetic products are called as  
**(**a) botanochemicals (b) biochemicals  
(c) bio-dio-chemicals (d) oxichemicals

**Q. 49** Morphine is a …….. use of biodiversity.  
(a) chemical (b) Physical  
(c) Medicinal (d) Mechanical

**Q. 50** Quinine, the drug is used for treatment of ………is an example of benefits of biodiversity.  
(a) Bone - T.B. (b) Carcer

(c) Malaria (d) Colora

**Q . 51** The name of largest flying bird of today is

(a) California condor (b) Mangor bird  
(c) Eagel-sofara (d) Eagel-sky-sulfer

**Q. 52** New species entering a geographical region are called …….. species  
(a) Exotic (b) Extic  
(c) Toxic (d) Exto exotic

**Q.53** Exotic species are also called as  
(a) Extra species (b) Modular species  
(c) Aline species(d) Modern species

**Q. 54** Killing of prohibited wild animals for illegal trading of wildlife products is called  
(a) Morching (b) Kill-Killing  
(c) Poaching(d) Cross-Killing

**Q. 55** There are two basic strategies of biodiversity conservation, on is one site and other is  
(a) over site (b) off site  
(c) reverse site (d) protection site

**Q.56**  In-situ conservation of biodiversity is also called as  
(a) on site (b) ex-situ  
(c) over site (d) global site

**Q. 57 WCMC** stands for

(a) World Conservation Monitoring Centre (b) Wild Conservation Monitoring Centre  
(c) World Control Monitoring Centre (d) World Conservation Management Centre

**Q.58**  The earliest National park is......... in USA  
(a) Yellow-park (b) Yellow-wild life  
(c) Yellow-stone (d) Yellow-centre

**Q. 59** The earliest National park near Sydney (Australia) is  
(a) Rogar (b) Royal(c) Yellow-stone (d) Sydney park

**Q. 60** The Jim Corbett National Park is near  
(a) Nainital (b) Delhi  
(c) Mumbai (d) Nagpur

**Q.61** . First National park established in India is  
(a) Jawaharlal Nehru National Park (b) Salim Ali National Park  
(c) Dr. Bose National Park (d) Jim Corbett National Park

**Q. 62** National park is an example of …………. conservation strategies of bio-diversity.  
(a) in-situ (b) ex-situ  
(c) over situ (d) protection of wild life

**Q. 63** Wild life sanctuaries is an example of ………. conservation strategies of bio-diversity

(a) in-situ (b) off situ

(c) ex-situ (d) reverse of situ

**Q. 64** Kaziranga National park is in

(a) Maharashtra (b) Bihar

(c) Assam (d) Delhi

**Q. 65** Corbett National park is in

(a) Uttaranchal (b) Delhi

(c) Haryana (d) Punjab

**Q. 66** An \_\_\_\_\_\_\_\_\_\_\_ consist of biotic and abiotic components.

a)Environment b) Ecosystem

c) Ecology d)None of the above

**Q. 67** Energy flow involves \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to play role.

a) Components b) Trees

c) Animals d) None of the above

**Q. 68** Coral reef is example of \_\_\_\_\_\_\_\_\_ type of ecosystem.

a)Terrestrial b) Aquatic

c) Organic d) None of the above

**Q. 69**  “Tundra” is example of \_\_\_\_\_\_\_\_\_\_\_ type ecosystem.

a)Marine b) Terrestrial

c) Microbiological d) None of the above

**Q. 70**\_\_\_\_\_\_\_\_\_\_\_ chain involves energy transformation.

a)Food b) Reactions

c) Cyclisation d) None of the above

**Q. 71** \_\_\_\_\_\_\_\_\_\_\_\_ eat plants and plant products.

a)Carnivores b) Herbivores

c) Animal d) None of the above

**Q. 72** \_\_\_\_\_\_\_\_\_\_\_\_\_ survive on herbivores.

a)Plants b) Carnivores

c) Aquatics d) None of the above

**Q. 73** Those which consume droppings of all of us.

a)Detritivores b) herbivores

c)Carnivores d) None of the above

**Q. 74**  Dead tissues and waste products are used by \_\_\_\_\_\_\_\_\_\_\_

a)Detritivores b) Metagens

c) Soil d) None of the above

**Q. 75** In the presence of sun and water, \_\_\_\_\_\_\_\_\_\_\_ produces food.

a)Decomposer b) Producer

c) Consumer d) None of the above

**Q. 76** Fungi act as \_\_\_\_\_\_\_\_\_\_\_\_\_\_ in food chain.

a)Decomposer b) Producer

c) Constituents d) None of the above

**Q. 77** Decomposer helps to send \_\_\_\_\_\_\_\_\_\_\_\_\_ to producers.

a)Components b) Nutrients

c) Constituents d) None of the above

**Q. 78** Grass is categorized as \_\_\_\_\_\_\_\_\_\_\_\_\_\_ in grazer food chain.

a)Plant b) Producer

c) Vegetable d) None of the above

**Q.79** In a food web , food chains are \_\_\_\_\_\_\_\_\_\_\_\_\_

a)Interconnected b)Cycled

c) Joined d) None of the above

**Q.80** Food webs are very \_\_\_\_\_\_\_\_\_\_\_\_\_\_

a)Simple b) small

c) Complicated d) None of the above

**Q. 81** Ecological pyramid is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ representation.

a)Geological b) Pyramidal

c) Graphical d) None of the above

**Q.82** Ecological pyramid shows \_\_\_\_\_\_\_\_\_\_\_\_\_\_ productivity.

a)Biome b) Biomass

c) Organic d) None of the above

**Q.83** In ecological pyramid primary producers are shown at \_\_\_\_\_\_\_\_\_\_\_\_\_\_

a)Top b) Base

c) Periphery d) None of the above

**Q.84** Primary producers are followed by \_\_\_\_\_\_\_\_\_\_\_\_\_ consumer.

a)Secondary b) Primary

c) All d) None of the above

**Q.85** The variation of life forms within an ecosystem or on eath is named as \_\_\_\_\_\_\_\_\_.

(i) Biome (ii) Biodiversity

(iii) Biological variety (iv) None of the above

**Q.86** Which one of following is not a type of biodiversity?

(i) Genetic (ii) Species

(iii) Biology (iv) None of the above

**Q.87** Irish potato Famine is an agricultural disaster. In which year it had occurred?

(i) 1970 (ii) 1971

(iii) 1972 (iv) None of the above.

**Q.88** US Southern Corn Leaf blight epidemic is an agriculture disaster of 1970. Which of following contributed as a major cause for it?

(i) Biome (ii) Bioculture

(iii) Monoculture (iv) None of the above.

**Q.89** Which of the following is major biodiversity in Maharashtra?

(i) Deccan penninsula - Chhota Nagpur

(ii) Deccan penninsula – Deccan South

(iii) Deccan peninsula – Central highlands

(iv) None of the above

**Q.90** Which of the following has largest desert?

(i) Kutchchh

(ii) West coast

(iii) Nicobars

(iv) None of the above

**Q.91** Which of the following are Islands?

(i) Andaman and Nicobars

(ii) Lakshadweep

(iii) Malabar Plains

(iv) None of the above

**Q.92** Which of the following are semi Arids?

(i) Punjab, Gujarat, Rajputana

(ii) Malabar plains

(iii) Nicobars

(iv) None of the above

**Q.93** Ladakh mountains and Tibetan plateau are part of \_\_\_\_\_\_\_\_\_\_\_\_.

(i) Trans Himalaya region

(ii) Desert

(iii) Semi Arid

(iv) None of the above

**Q.94** Kuchch and Thar comprise majorly of \_\_\_\_\_\_\_

(i) Western Ghats

(ii) Himalayan region

(iii) Deserts

(iv) None of the above

**Q.95** Aravali mountain are covering states such as \_\_\_\_\_\_\_.

(i) Gujarat, M. P. Rajasthan

(ii) Ladakh Mountain

(iii) Coastal region (iv) None of the above

**Q.96** In which of the following Islands of Lakshadweep is situated?

(i) Arabian sea (ii) Bay of Bengal

(iii) Atlantic ocean (iv) None of the above.

**Q.97** In which of the following the Islands of Andaman and Nicobar are situated?

(i) Arabian sea (ii) Atlantic ocean

(iii) Bay of Bengal (iv) None of the above.

**Q.98** Ratna Giri is located in which of following state?

(i) Chennai-Tamilnadu (ii) Madhya Pradesh

(iii) Maharashtra (iv) None of the above

**Q.99** The liquid water component of the earth is called as \_\_\_\_\_\_\_\_.

(i) Lithosphere (ii) Hemisphere

(iii) Hydrosphere(iv) Androsphere

**Q.100** 66. Gir National park in

(a) Maharashtra (b) Goa

(c) Gujarat (d) M.P

**Q.101**. Tadoba National park is in

(a) Gujarat (b) Maharashtra

(c) M.P. (d) U.P.

**Q.102**. The ……….are a special category of protected areas of land or coastal environments, wherein people are an integral component of the system.

(a) Biosphere reserves (b) National park

(C) Sanctuaries (d) None of these

**Q.103**  At present, there are………….. biosphere reserves in India.

(a) 3 (b) 24

(c) 20 (d) 13

**Q.104**  The biosphere reserve consists of……………………… zones.

(a) 1 (b) 2

**(c) 3** (d) 4

**Q.105**  The biosphere reserve consists of three zones (1) core, (2) buffer and (3) is

(a) Semi- buffer (b) Semi-core

(c) Transparent (d) Transition

**Q.106**  The outermost part of the biosphere reserve is the

(a) Core zone (b) Buffer zone

(c) Transitional zone (d) Semi-buffer zone

**Q.107**  Undisturbed and legally protected ecosystem comes under……......of a biosphere reserve.

(a) Core zone (b) Uncore zone

(c) Preserve zone (d) Buffer zone

**Q.108**. …………… lake in Sikkim has been declared sacred by the people to save aquatic life from degradation.

(a) Khecheopalri (b) Dal

(c) Nal (d) Zorich

**Q.109**  Germ-plasm banks or gene banks are established for…………………………….conservation of biodiversity.

(a) in-situ (b) ex-situ

(c) Over situ (d) None of these

**Q.110** Storage of germ-plasm at ultra low temperature is called

(a) Cryopreservation (b) preservation-term

(c) germ-pre (d) None of these

**Q.111**  In cryopreservation, storage of germ-plasm at ultra low temperature is preserved. That ultra low temperature is

**(**a) -196 C in liquid nitrogen (b) 196°C in liquid nitrogen

(c) 0oC in liquid nitrogen

**Q.112**  The book list containing a record of threatened species is called as

(a) Yellow data book (b) red data book

(c) Orange data book (d) wild data book

**Q.113**  Ecosystem is generally understood as the entire assemblage of………………

(a) Biotic community (b) abiotic community

(c) Complex community (d) total community

**Q.114** Convention of Biological Diversity (CBD) signed by almost……………nations

(a)100 (b) 200

(c) 300 (d) 400

**Q. 115**  Land based ecosystem is called as………………

(a)Terrestrial ecosystem (b) Non-terrestrial ecosystem

(c)Aquatic ecosystem (d) modern aqua ecosystem

**Q.116**  The ecosystem which florish in water is called as………………

(a) Aquatic ecosystem (b) non aquatic ecosystem

(c) Terrestrial ecosystem (d) modern aqua ecosystem

**Q.117**  Tundra is an example of……………..ecosystem.

(a) Terrestrial (b) Non- terrestrial

(c) Aquatic (d) Physical

**Q. 118**  Open oceans is an example of……………….. ecosystem.

**(**a) Aquatic (b) Non aquatic

(c) Terrestrial (d) Earthen

**Q.119**  The relationship between the biotic components and abiotic components of an ecosystem is called…………..

(a) Colonies (b) Non-colonies

(c) Holocoenosis (d) cosmos

**Q.120**  Sunlight is necessary for

(a) Carbon credit (b) water pollution

(c) Air pollution (d) Photosynthesis

**Q.121** ……………is the medium by which mineral nutrients enter and due translocated in plants.

(a) Water (b) pH

(c) Co2+ SO2 (d) Carbon

**Q.122** . …………….are the living organisms in the ecosystem that take energy from sunlight and use it to transform carbon dioxide and oxygen in sugars.

(a) Producers (b) Non-producers

(c) Biotic+SO2 (d) Abiotic

**Q.123**  Plant, algae and photosynthetic bacteria are all examples of………………….

(a) Reducers (b) Producers

(c) Abiotic (d) Nonbiotic

**Q.124**  The green plants manufacture their own food, they are known as…………………

(a) Autotrophs (b) non-consumers

(c) Consumers (d) non-consumers

**Q.125** . …………. are living organisms in the ecosystem that get their energy from consuming other organisms

(a) Consumers (b) Non-consumers

(c) Producers (d) Non-biotic

**Q.126**  Herbivores eat…………..

(a) Animals (b) producers

(c) Non-biotic (d) ecosystem

**Q.127**  Carnivores eat………….

(a) Other animals (c) non biotic things

(c) Plants (d) non ecosystem animals

**Q.128** …………….. eat both producers and other animals

(a) Omnivores (b) Non omnivores

(c) Carnivores (d) Herbivores

**Q.129**  Rabbit, deer, gout, cattle are the examples of………………..

(a) Herbivores (b) non herbivores

(c) Omnivore (d) ecosystem

**Q.130**  Lions and time are the examples of……………………

(a) Non omnivores (b) omnivores

(c) Producers (d) non producers

**Q.131** Earthworms are the example of………………..

(a) Omnivores (b) reducers

(c) Ecosystem (d) non ecosystem

**Q.132** . The decomposers are known as…………….

(a) Non saprotrophs (b) Saprotrophs

(c) Abiotic (d) semlan

**Q.133**  …………….. are living component of ecosystem that breaks down waste material and dead organisms.

(a) Decomposers (b) Non-decomposers

(c) Abiotic (d) Omnivores

**Q.134**  There are………………… levels of biodiversity.

(a) One (b) Two

(c) Three (d) four

**Q.135** …………. diversity refers to the diversity of organisms sharing the same community/habitat.

(a) Alpha (b) Beta

(c) Gamma (d) Alpha and Beta

**Q.136** The rate of replacement of species along a gradient of habitats and communities is called…………diversity.

(a)Alpha (b) Beta

(c) Gamma (d) Alpha + beta

**Q.137** Diversity of habitats over the total landscape or geographical area is called…….. Diversity.

(a) Alpha (b) Beta

(c) Gamma (d) Alpha+ Beta

**Q.138** Use value that consist of direct value, indirect value and……………….. values

(a) Option (b) Beta

(c) Alpha (d) Non option

**Q.139** . Non use value that consists of bequest value and……………………… valve.

(a) Existence (b) Non existence

(c) Alpha (d) Beta

**Q.140** . India is known for its rich heritage of biological diversity, having already documented over…………………. species of animals

(a) 91000 (b) 91

(c) 910 (d) 9100

**Q.141** India is known for its rich her of biological diversity, having already documented over……………………. species of plants in its ten bio-geographic region.

(a) 15.500 (b) 100000

(c) 1500 (d) 50

**Q.142** LMMC stands for

(a) Like Minded Megadiverse Countries (b) Life Minded Megadiverse Countries

(c) Life Mindset Megadiverse Countries (d) Like Minded Major Countries

**Q.143** In 2004………………was invited to chair like minded megadiverse countries for two years.

(a) India (b) Japan

(c) Norway (d) America

**Q.144**  CBD stands for

(a) Conference on Biological Diversity (b) Convention on Biological Diversity

(c) Conflict on Biological Diversity (d) Convention on Bigger Diversity

**Q.145**  The Union Ministry of Environment and Forests (MOEF) Is the nodal agency for implementing provisions of……………………….in India.

(a) CBD (b) CBCD

(c) ABCD (d) CHDD

**Q.146** …………………….is defined as any species which is likely to become an endangered species within the foreseeable future throughout all significant portion of its range.

(a) Threatened (b) Relative species

(c)Rare species (d) Absolute species

**Q.147**  An……… species is a species of organisms facing a very high risk of extinction.

(a) endangered (b) rare

(c) Pure (d) all

**Q.148**  . A…………………..species is a group or organism that are very uncommon or scarce.

(a) Rare (b) all

(c) Pure (d) threatened

**Q.149**  …………………species can be threatened with extinction through the process of genetic pollution.

(a) Endemic (b) Pure

(c) All (d) Rare

**Q.150** …………….. occurs when a resource is consumed at an unsustainable rate.

(a) Overexploitation (b) Pure soil

(c) Poor soil (d) Threatened

**Q.151** Biodiversity is the collection of flora and…………………..of a place.

(a) Bacteria (b) fauna

(c) Virus (d) plants

**Q.152** A region which is a prime location for the existence of rich biodiversity but also face the threat of destruction is called as…………………..

(a) Biodiversity hotspot (b) Local hotspot

(c) Biological hotspot (d) Planet hotspot

**Q.153** A total number of………………… biodiversity hotspots have been identified.

(a) 5 (b) 25

(c) 55 (d) 35

**Q.154** India is a country…………………in biological diversity.

(a) Very poor (b) Poor

(c) Average (d) Rich

**Q.155** World conservation monitoring center has recognized…………..protected areas around the world.

(a) 37000 (b) 37

(c) 47 (d) 1000

**Q.156**  India has……………………………….. protected areas

(a) 581 (b) 81

(c) 58 (d) 10

**Q.157** There are………………… National parks in India.

**(a) 89** (b) 99

(c) 999 (d) 10

**Q.158**  There are……………. wildlife sanctuaries in India.

(a) 492 (b) 92

(c) 999 (d) 10

**Q.159**  The Jim Corbett National Park was the first National Park established in……………………….

(a) India (b) China

(c) Nonvey (d) America

**Q.160**  ………………….. Are the special categories of protected areas of land and/or coastal environments, whenin people are an integral component of the system

(a) Biosphere reserves (b) Bio-land

(c) Bio-reservoir (d) Bio field

**Q.161**  A biosphere reserve consists of core, buffer and…………….. Zones.

(a) Pure (b) Integral

(c) Natural (d) Transition

**Q.162**  In vitro conservation, particularly by cryopreservation in liquid nitrogen at a temperature of…………...degree C, is mainly useful for conserving vegetative propagated crops like potato.

(a) + 196 (b) -196

(c) 100 (d) zero

**Q.163**  The Biological Diversity Act ...is an act of the parliament of India for preservation of biological diversity in India

(a) 2000 (b) 2002

(c) 2018 (d) 1999

**Q.164**  The headquarter of National Biodiversity Authority (NBA) is in……………………….

(a) Delhi (b) Chennai

(c) Kanpur (d) Nagpur

**Q.165**  \_\_\_\_\_\_\_\_\_\_ chain and \_\_\_\_\_\_\_\_\_\_ web involves energy transformation.

a)Food, food b) Producer , consumer

c) Producer , food d) None of the above

**Q.166** All ecosystems involve \_\_\_\_\_\_\_\_\_\_\_\_ transformations.

a)Ecology b) Energy

c) Cycle d) None of the above

**Q.167**   All ecosystem involve \_\_\_\_\_\_\_\_\_\_\_\_\_ cycling.

a)Biological b) Geological

c) Biogeochemical d) None of the above

**Q.168**  Biogeochemical cycling links \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_ components in ecosystem.

a)Plants and animal

b) Living and nonliving

c) Organic and inorganic

d) None of the above

**Q.169**  Food chain and food web concept is associated with \_\_\_\_\_\_\_\_\_ transformations.

a)Chemical b) Ecological

d) Energy d) None of the above

**Q.170** The essential components of any ecosystem is, \_\_\_\_\_\_\_\_\_\_\_

a)Energy source b) Biotic and abiotic

c) (a) & (b) bothd) None of the above

**Q.171**  Biotic and abiotic components in ecosystem are linked through \_\_\_\_\_\_\_\_\_\_

a)Energy flow b) Energy transformations

c) Energy balances d) None of the above

**Q.172**  Biotic and abiotic components involve \_\_\_\_\_\_\_\_\_\_\_\_

a)Biochemical composition b) Biochemical cycling

c) Biochemical balances d) None of the above

**Q.173**  Detritivores, Herbivores , Carnivores are part of \_\_\_\_\_\_\_\_\_\_\_\_\_

a)Food chainb) World

c) Ecosystem d) None of the above

**Q.174**  Energy flows from \_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_

a)Bottom, top b) Top, bottom

c) Earth, moon d) None of the above

**Q.175** Amount of energy \_\_\_\_\_\_\_\_\_\_\_\_\_ from bottom to top.

a)Increases b) Decreases

c) Remains same d) None of the above

**Q.176**  In food chain, Grass hopper is \_\_\_\_\_\_\_\_\_\_\_\_ consumer.

a)Primary b) Secondary

c) Initial d) None of the above

**Q.177** Snake is \_\_\_\_\_\_\_\_\_\_\_\_\_ consumer in food chain.

a)Secondary b) tertiary

c) Primary d) None of the above

**Q.178** In the presence of sun and water, \_\_\_\_\_\_\_\_\_\_\_ produces food.

a)Decomposer b) Producer

c) Consumer d) None of the above

**Q.179**  Fungi act as \_\_\_\_\_\_\_\_\_\_\_\_\_\_ in food chain.

a)Decomposer b) Producer

c) Constituents d) None of the above

**Q.180**  Decomposer helps to send \_\_\_\_\_\_\_\_\_\_\_\_\_ to producers.

a)Components b) Nutrients

c) Constituents d) None of the above

**Q.181** Grass is categorized as \_\_\_\_\_\_\_\_\_\_\_\_\_\_ in grazer food chain.

a)Plant b) Producer

c) Vegetable d) None of the above

**Q.182**  Hawk act as \_\_\_\_\_\_\_\_\_\_\_\_\_\_ consumer in a grazer food chain.

a)Primary b) Secondary

c) Tertiary d) None of the above

**Q.183**  \_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_ are types of food chain.

a)Grazer, Detritus b) Natural , synthetic

c) Organic, inorganic d) None of the above

**Q.184** In ­­­­­\_\_\_\_\_\_\_\_\_\_ food chain, dead organic matter is serves as principle energy input .

a)Detritusb) Flowing

c) Original d) None of the above

**Q.185** Any food chain has no more than \_\_\_\_\_\_\_\_\_\_\_ links.

a)4 to 5 b) 3

c) 3 to 4 d) None of the above

**Q.186** Most animals are part of more than \_\_\_\_\_\_\_\_\_\_\_\_\_ food chain.

a)One b) Two

c) Three d) None of the above

**Q.187**  Any food web indicates that \_\_\_\_\_\_\_\_\_\_ is connected to \_\_\_\_\_\_\_\_\_\_\_\_\_ else.

a)Everything , Everything

b) Nothing , Everything

c) Everything , Nothing

d) None of the above

**Q.188** Ecological pyramid is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ representation.

a)Geological b) Pyramidal

c) Graphical d) None of the above

**Q.189** Ecological pyramid shows \_\_\_\_\_\_\_\_\_\_\_\_\_\_ productivity.

a)Biome b) Biomass

c) Organic d) None of the above

**Q.190** Producers in any ecosystem may be \_\_\_\_\_\_\_\_\_\_\_\_

a) Primary only

b) Secondary only

c) All – primary/secondary/tertiary

d) None of the above

**Q.191**  Ecosystem consist of components which play role as \_\_\_\_\_\_\_\_\_\_ consumer.

a) only primary

b) Primary and tertiary

c) Primary/ Secondary /Tertiary

d) None of the above

**Q.192** Biotic and abiotic components in ecosystem interact \_\_\_\_\_\_\_\_\_\_\_ with each other.

a)Occasionally b)Continually

c) Rarely d) None of the above

**Q.193** The dead organic matter from living organisms is part of \_\_\_\_\_\_\_\_\_\_\_

a)Soil b) Environment c) Ecosystems d) None of the above

**Q.194** \_\_\_\_\_\_\_\_\_\_ organisms can exchange between soil and water.

a)Dead b) Living

c) No d) None of the above

**Q.195** Ecosystem are of ­­\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_ type.

a)Aquatic and Terrestrial

b) Living and Nonliving

c) Clean and unclean

d) None of the above

**Q.196** Ecosystem can be of any \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

a) Size b) Shape

c) Type d) None of the above

**Q.197** Energy flow in any ecosystem is primarily obtained from,\_\_\_\_\_\_\_\_\_\_\_\_\_

a) Coal b) Power

c) Sun d) None of the above

**Q.198** Biotic and abiotic components are linked through \_\_\_\_\_\_\_\_\_\_\_

a)Energy flow b)Nutrient cycles

c)a & b both d)None of the above

**Q.199** Energy flow in ecosystem links \_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_together.

a)Biotic and abiotic components

b)Organism and plants

c)Fruits and flowers

d)None of the above

**Q.200**  Nutrients cycles play important role in \_\_\_\_\_\_\_\_\_\_\_together biotic and abiotic components.

1. Combining b) Linking

c) Joining d) None of the above