

Environmental Studies (EST) IMP Questions (CO5I)
TYCO A & B

Question	Option A	Option B	Option C	Option D	Correct option
Which among the following chronic lung disease commonly known as "black lung" disease, leads to reduced life expectancy in coal-miners?	Pneumoconiosis	Progressive Massive Fibrosis	Mesothelioma	Collier's Asthma	optiona
Which among the following is the second most abundant Green-House-Gas(GHG) in the earth's atmosphere	Carbon dioxide	Water Vapour	Sulphur Dioxide	Tropospheric Ozone	optiona
The Cartagena Protocol is regarding safe use, transfer and handling of:	Nuclear waste	Invasive Alien Species	Living Modified Organisms(LMOs)	Toxic by-products and industrial effluents	optionc
The Western Ghats Ecology Expert Panel (WGEEP) is headed by:	Madhav Chitale	Megha Patkar	Madhav Gadgil	Megha Pansare	optionc
Identify the non Green-House Gas(GHG) from the following :	Methane	Nitrous oxide	CFCs	Carbon Monoxide	optiond
Which of the following statements is true?	Photochemical smog always contains Ozone.	The toxic effect of Carbon Monoxide is due to its greater affinity for haemoglobin as compared to oxygen.	Lead is the most hazardous metal pollutant of automobile exhaust.	All of the above	optiond
In which among the following states, Government had identified maximum number of Ecologically Sensitive Zones under the Environment (Protection) Act,	Maharashtra	Andhra Pradesh	Karnataka	Gujarat	optiona
Which among the following city was declared as "Tiger Gateway of India" ?	Chandrapur	Nagpur	Ratnagiri	Gondia	optionb
Which among the following will emit maximum mass of carbon dioxide, when the same quantity is burnt of all of them?	Kerosene	Propane	Natural Gas	Gasoline	optiona

Madhav Gadgil Panel or The Western Ghats Ecology Expert Panel (WGEEP) had, in May 2011 had suggested listing of which among the following regions in the State as Ecologically Significant Area (ESA)?	Eastern Ghats	Western Ghats	Both A and B	Himalaya	optionb
Now a days Environmental Accounting is making news. What is Environment Accounting?	It is a method to measure the consumption of the environment/ natural resources	Its a method to statistically analyze the green areas of the country	Its a method of accounting in which all units are expressed in terms of loss / gain of Carbon Dioxide	Its a method of accounting in which all measurement is expressed in Carbon Credits	optiona
Which among the following always decreases in a Food chain across tropic levels?	Number	Energy	Accumulated chemicals	None of the above	optionb
In the E-waste generated by the Mobile Phones, which among the following metal is most abundant?	Copper	Gold	Silver	All of the above	optiona
Acid rain is capable of damaging the buildings and historic monuments which are made up of rocks such as limestone and marble. Which among the following is the end product of such reaction?	Quick Lime	Calcium Carbonate	Calcium Hydroxide	Gypsum	optiond
Which among the above plays the most important role in Ozone depletion?	Hydrogen	Carbon	Chlorine	Flourine	optionc
Which among the following is the dangerous Green House Gas, created by the Waste Water?	Nitrogen	Methane	Sulphur Dioxide	Carbon Monoxide	optionb
Which among the following gas is used as reference to calculate Global Warming Potential (GWP)	Carbon dioxide	Propane	Sulphur Dioxide	Methane	optiona
The establishment of Taj Trapezium Zone (TTZ) enshrines which among the following objectives ?	Protection from Pollution	Tourism Development	Economy Hub	Transportation facilities	optiona

Which among the following is the main source of "Synthetic Fuel"?	Plastic	Biomass	Coal	Municipal Waste	optionc
Ozone layer lies in:	Troposphere	Lithosphere	Hydrosphere	Stratosphere	optiond
Which among the following crops would enrich the Nitrogen content in the soil?	Potato	Sorghum	Sunflower	Pea	optiond
One of the major objectives of the National Water Mission is to increase the water use efficiency by 20%. Which among the following is the correct definition of the water use efficiency?	Increase the ground water level by proper management of rainwater	To make the irrigation facilities to maximum crop areas	To save water from evaporation and runoff or subsurface drainage	To make bodies of water clean and usable for drinking purpose	optionc
In context with the Environment, the price charged to deliver municipal solid waste to a landfill, waste-to-energy facility, or recycling facility is known as _____?	Recycling Fee	Dumping Duty	Tipping Fee	Material Fee	optionc
With which of the following Montreal protocol is related to:	Protection of Whales	Protection of Wild Life	Protection of Ozone layer	Nuclear weapons	optionc
Which among the following expert panel related to recommend steps to preserve and rejuvenate the ecologically sensitive Western Ghats?	Devendra Pandey	Dr. Madhav Gadgil	Dr. M S Swaminathan	Megha Pansare	optionb
Which of the following is not an air pollutant ?	Carbon dioxide	Sulphur Dioxide	Smoke	Nitrogen Gas	optiond
Which of the following is a biodegradable waste?	Glass	Plastic	Polythene	None of the above	optiond
What type of radiation is trapped on the earth's surface by the green house effect?	UV Rays	IR Rays	X Rays	None of the above	optiona
Gas molecules that absorb thermal infrared radiation and are present in large quantity to change climate system are known as--	alpha radiations	beta radiations	ozone gases	greenhouse gases	optiond
Layer of atmosphere in which Ozone layer lies is-	exosphere	mesosphere	troposphere	Stratosphere	optiond
Greenhouse gases which is present in very high quantity is-	Methane	Propane	Carbon dioxide	Ethane	optionc

Exchange of outgoing and incoming radiations that keeps Earth warm is known as-	Green house effect	Radiation effect	Infrared effect	Ozone layer depletion	optiona
Layer which saves life from harmful effects of 'UV' radiations is known as-	Ozone layer	Infrared layer	Alpha layer	Gama layer	optiona
Chemical released by chlorofluorocarbons is -	Nitrogen	Sulphuric acid	Chlorine	Sodium chloride	optionc
Methyl chloroform, carbon tetrachloride, hydro fluorocarbons and chlorofluorocarbons are mainly known as -	mesosphere building substances	tropospher e building substances	ozone building substances	ozone depleting substances	optiond
When chlorofluorocarbons are released in atmosphere, chlorine chemical destroys the -	beta molecules	alpha molecules	argon molecules	ozone molecules	optiond
One which is not considered as naturally occurring greenhouse gas is -	Methane	Nitrous oxide	Chlorine	Ethane	optiond
Burning of fossil fuels causes -	decreased greenhouse gases	increased greenhous e gases	increased level of oxygen	increased level of ethane	optionb
Which one the following is not biodegradable?	Vegetables	Fruits	Earthworm	Aluminium foil	optiond
Which of the following wastes cannot be decomposed by bacteria to form compost?	Kitchen wastes	Plastic and polythene bags	dead plants	bodies of insects living in the soil	optionb
Which of the following problems is not created by noise pollution ?	Diarrhoea	Hypertens ion	Deafness	Irritation	optiona
When trees are cut, amount of oxygen -	increases	decreases	Both A and B	remains same	optionb
Which one of the following pairs of gases are the major cause of "Green house effect"?	Co2 and N2O	Co2 and O3	Co2 and CO	CFCs and SO2	optiona
Major consumer of wood from forest is ____	Thermal Power Plant	Paper industry	Chemical Industry	None of the above	optionb
The portion of the earth and its environment which can support life is known as _	Crust	Biosphere	Exosphere	Atmosphere	optionb
Extensive planting of trees to increase forest cover is called -	Afforestation	Agroforest ry	Deforestation	Social forestry	optiona
Smog is a mixture of -	Smoke and Fog	Snow and Fog	Snow and Dust	Sulfur dioxide and Fog	optiona

Deforestation generally decreases -	Global Warming	Drought	Soil erosion	Rainfall	optiond
The source of atmospheric oxygen is -	Nitrogen cycle	Green Plants	Carbon Cycle	Water	optionb
What is desertification?	Conversion of forests into desert	Conversion of croplands into desert	Conversion of grassland into desert	All of the above	optiond
Acid rain contains -	Hydrochloric acid	Sulphuric acid	Acetic acid	Oxalic acid	optionb
Public awareness of environment creates _	Environment protection	Environment degradation	Environmental loss	Environmental cultivation	optiona
Vermi-composting is a natural method of -	Producing worms	Producing compost manure	Managing waste it creates	Destroying worms	optionb
The movement Pani Panchayath was initiated to conserve waters in the drought prone areas of state	Gujarat	Andhra Pradesh	Maharashtra	Karnatak	optionc
The 4 R principle in waste management involves Reduce, Reuse, Recycle and --	Regain	Recover	Reform	Retain	optionb
What is Bagasse? What is it used for?	Sugar cane waste- to make paper	Biogas- used as fuel	Liquid waste- as fertilizer	Vermi compost- as fertilizer	optiona
Which of the following is a natural resource?	Soil	River	Climate	All of the above are examples of natural resources	optiond
Total earth's surface covered by water is about	71%	80%	60%	65%	optiona
Which is an example of non-renewable resource?	Wind	Vegetation	Coal and Minerals	Water	optionc
Which of the given is a renewable resource?	Wind	Water	Flora and Fauna	All of these	optiond
_____ is not a fossil fuel.	Petroleum	Uranium	Natural gas	Coal	optionb
An increase in carbon dioxide content in the atmosphere would not cause	more heat to be retained by the environment	increase in photosynthesis in plants	global warming	abundance of desert plants	optiond
Oxygen is returned to the	respiration	photosynthesis	fungi	burning of fuels	optionb

atmosphere by		hesis			
Atmosphere not uniformly heated by the sun does not cause	air flows	variations in climate	tides	rainfall	optionc
Both power and manure are provided by	hydroelectric plants	gobar gas plants	nuclear power plants	thermal plants	optionb
Atomic energy is obtained by using ores of	copper	lead	uranium	crude oil	optionc
Biogas generation is mainly based on the principle of	Anaerobic biodegradation	areobic decomposition	putrefaction	none of these	optiona
The major raw material for biogas is	Tree leaves	Cow dung	Waste from kitchen	Grass	optionb
Natural resources do not include	water	refined oil	air	wood	optionb
Renewable resource is a resource which is replaced	naturally	by human	by animals	all of these	optiona
Non-renewable resources once used	remain on earth in different form	become waste material	are recycled	all of these	optiond
Which of the following is a renewable resource	salmon population that is farm raised	sulfur	light sweet crude oil shipped from Saudi Arabia	iron ore that is commercially mined	optiona
Which is the non-conventional source of energy?	Coal	Sun	Wood	Diesel	optionb
Percentage of total water found as fresh water is	87.50%	2.50%	97.50%	75%	optionb
Mining depends on	Concentration of mineral only	Ease of extraction	transport facility	All of these	optiond
Ideally forest cover should be about_____in plain areas of a country	23%	30%	33%	40%	optionc
This area has no permanent roads or settlements and is maintained primarily for its primitive character and non-motorized recreation.It is a	Wilderness area	primitive recreation area	national park	national forest	optiona
Where will the water sit the longest?	atmosphere	freshwater lake	glacier	ocean	optiond
Which one is not a disadvantage of a big dam?	extremely expensive	flooding of prime arable land	electric energy generated from hydropower	water loss with evaporation	optionc

Which of the following sources provide the least energy for industrialized countries?	petroleum	coal	nuclear fuels	gas	optionc
This area has no permanent roads or settlements and is maintained primarily for its primitive character and non-motorized recreation. It is a	wilderness area	primitive recreation area	national park	national forest	optiona
following are the examples of natural resources	coal	minerals	forests	all of the above	optiond
Which of the following is a better definition for natural resources conservation?	protection of wildlife	Environmental activism	efficient use of natural resources	preservation of natural resources	optionc
Which option below is not an example of pollution?	smog in Delhi	nuclear waste	overpopulation	untreated sewage	optionc
Which is true?	Oxygen content may not get reduced if forest cover is not sufficient on the earth	Forests can be said to behave like non-renewable resources if not overused	Fishes are capable of reproducing at the rate at which they are being caught	none of these	optiond
Floods can be prevented by	Afforestation	removing the top soil	cutting the forests	tilling the land	optiona
The death of last individual species is called	extinction	endanger	diversity	none of these	optiona
Demand for a resource does not change with the change in	idea	technology	need	economy	optiona
The main driving force of ecological system is	Wind energy	Water energy	Solar Energy	Earth Energy	optionc
Coal, petroleum and natural gas are called as	non-fossil fuels	fossil fuels	semi-fossil fuels	transparent fuel	optionb
The resources which are inexhaustive and can be generated within a given span of time are called as	Renewable resources	Non-renewable resources	Solar resources	Non-solar resources	optiona
The forests are called as, Earth's	Heart	Lungs	Brain	Belly	optionb
The main green house gas absorbed by the forests as a raw material for photosynthesis is	CO ₂	O ₂	SO ₂	O ₃	optiona

About_____million species are found in the tropical forest alone.	5	7	1	100	optionb
The percentage of Indian geographical area covered by forest and trees is about-----.	24.39	12.5	75.03	35.65	optiona
Out of the total water reserves of the world, about_____is salty water (marine) and only _____is fresh water.	97%,3%	3%,97%	1%,99%	2%,98%	optiona
A layer of sediment or rock that is highly permeable and contains water is called	aquifer	spring	glacier	seepage	optiona
When the concentration of nitrates in water exceeds 45mg/L, they become the cause of a serious health hazard called _____	Luckemia	Blue Baby Syndrome	Cancer	Paralysis	optionb
CNG stands for	Cooling natural gas	Compressed natural gas	Compound natural gas	none of these	optionb
SNG can be produced from	coal	biomass	petroleum cake	all of the above	optiond
SNG stands for	Systematic natural gas	Sulphuric natural gas	Synthetic natural gas	Silver nitrogen gas	optionc
During photosynthesis trees produce	Oxygen	CO2	CO	Nitrogen	optiona
Forests prevent soil erosion by binding soil particles by their	stems	leaves	buds	roots	optiond
Wood pulp is used for making	Paper	timber	chipboard	gum	optiona
Per capita use of water is the highest in	USA	India	Indonesia	Kuwait	optiona
The minimum time required for the formation of one inch of top soil is	10 years	5 years	100 years	200 years	optiond
Which of the following is not the environmental effect of industrialization, in general?.	Solid waste	Water Pollution	Air pollution	Economic growth	optiond
Which of the following are major environmental issues involved in mining?	Soil degradation	Air pollution from dust	All of the above	Water pollution	optionc

Sustainable development means	Meeting present needs without compromising on the future needs	Progress in human well beings	Balance between human needs and the ability of Earth to provide the resources	All the above	optiond
Mining means	to conserve & preserve minerals	to check pollution due to mineral resources	to extract minerals and ores	None	optionc
Eutrophication is	an improved quality of water in lakes	a process in carbon cycle	the result to accumulation of plant nutrients in water bodies	a water purification technique	optionc
As per latest World Register of Dams,among single purpose Dams,---- Percentage is for Fish Farming and Navigation.	48	17	10	1	optiond
Which of the following is the most environmental friendly agriculture practice?	Using chemical fertilizers	Organic farming	Using insecticides	None of the above	optionb
The adverse effect of modern agriculture is	Water pollution	Soil degradation	Water logging	All of the above	optiond
Soil erosion removes surface soil which contains	Organic matter	Plant nutrients	Both A & B	None of the above	optionc
Water logging is a phenomena in which	Crop patterns are rotated	Soil root zone becomes saturated due to over irrigation	Erosion of soil	None of the above	optionb
The impact of construction of dams	Submerges forest	Loss of wild life habitat	Damages down stream ecosystem	All of these	optiond

Which of the following statement is false	Soil erosion effects the productivity of agriculture fields	The amount of erosion depends on soil type, slope, drainage pattern and crop management	It takes 300 years for one inch of agricultural top soil to form	Soil erosion helps to retain water and nutrients in the root zone	optiond
Which of the following statement is true	Surface runoff do not carry pesticides into streams	Water percolating downward through agriculture lands carries with it dissolved chemicals and contaminate ground water	Present agricultural practice does not contaminate water	None of the above	optionc
Farmers have a tendency to	Use optimum quantity of water	To over irrigate their crops	To conserve water	d) All of the above	optionb
Organic Farming encourages	Farming without using pesticides and chemical fertilizers	Enhances biodiversity	Promotes soil biological activity	All of the above	optiond
What would you do to prevent environmental damage	Plant trees	Stop Deforestation	Control pollution	All of the above	optiond

Environmental impact assessment	Is a study of feasibility of a project	Is a study of bio-physical characteristics of the environment that may result from a human action	Both A & B	None of the above	optionb
EIA study will help	Maximizing the benefits without overloading the planets ecosystem	To estimate the future needs of the society	To smooth implementation of the project	To cope up with rapid growth of population	optiona
Environmental impact of mining	Brings order into social setup	Devastation of ecosystem	Present mining activity is a sustainable development	Mining has no adverse effect on ecosystem as it is located in remote areas	optionb
Effect of modern agriculture on soil is due to	Erosion	Acidification	Salinization	All	optiond
Common energy source in Indian village is	Electricity	Coal	Sun	Wood and animal dung	optiond
Soil conservation is a process in which	Soil is aerated	Soil erosion	Sterile soil is made fertile	Soil is protected against loss	optiond
Harnessing of nuclear energy often causes	Air pollution	Water pollution	Thermal pollution	Noise pollution	optionc
Soil erosion can be prevented by	Overgrazing	Removal of vegetation	Afforestation	Deforestation	optionc
Chipko movement was started to conserve	Grasslands	Forests	Deserts	Soil	optionb
Khetri (Rajasthan) is famous for	Gold mines	Copper mines	Granite stone	Marble stone	optionb
Terrace farming practiced in	Coastal areas	Deserts	Hills	Plains	optionc
Which of the following statements about forest is not correct?	soil erosion in undisturbed forest is extremely low	Provides recreational opportunities	Provides a source of economic development	None of the above	optiond

Out of the following nutrients in fertilizer, which one causes minimum water pollution?	Nitrogen	Potassium	Phosphorous	Organic matter	optionb
Excess fluorides in drinking water is likely to cause	Blue babies	fluorosis	taste and odour	intestinal irritation	optionb
Environment studies	Is an interdisciplinary academic field.	Methodically studies human interaction with the environment.	Includes the natural environment built environment and the sets of relationship between them.	All of the above	optiond
Which of the following is a non point source of water pollution?	Factories	Sewage treatment plants	urban and suburban lands	All of the above	optiond
Mineral resources are	Renewable	Available in plenty	Non renewable	Equally distributed	optionc
Environment studies does not involve	Meteorology	Demography	Ethics	Literature	optiond
Forests are extremely important because they	provide clean water and clean air	provide habitat for wild life	provide recreation and a change from the hectic urban	all of the above	optiond
Deforestation means	creation of new forest land for the wild life	planting trees in the cities	Not managing the forest properly	conversion of forest land for agriculture/ pasture/ homes etc.	optiond
Which of the following is a disadvantage of most of the renewable energy sources?	Highly polluting	High waste disposal cost	Unreliable supply	High running cost	optionc
Ozone depletion is harmful to	Digestion	Skin	Heart	Reproduction	optionb
High population gives rise tomanagement of resources.	Adequate	Proper	Poor	None of the above	optionc
Poor sanitation affects quality of --	Air	Water Resources	Noise	Heart	optionb
Public awareness aims at -	Utilizing natural resource	Protecting natural resource	Exploiting natural resource	None of the above	optionb

Waste originating mainly from hospitals and clinics are of --- type.	Biodegradable	Biomedical	Biological	Biochemical	optionb
Lithosphere, Hydrosphere, Atmosphere together is called -	Biosphere	Stratosphere	Environment	Nano sphere	optiona
CFC used widely as -	Air coolant	Refrigerant	Water Purifier	All of the above	optionb
Solar radiation consists of	UV	Visible light	Infrared	All of these	optiond
Reduction in usage of fuels cannot be brought about by	Using alternate fuels	Changing lifestyles	Reducing car taxes	Both a & b	optionc
OTEC is an energy technology that converts	energy in large tides of ocean to generate electricity	energy in ocean waves to generate electricity	energy in ocean due to thermal gradient to generate electricity	energy in the fast moving ocean currents to generate electricity	optionc
Which of the following source of energy is less eco-friendly?	Biogas	Wind	Solar	Nuclear	optiond
Solar energy is stored in	carbon_carbon bonds	green leaves	fossil fuels	biomass	optiona
An inexhaustible non-conventional universal source of energy is	fossil fuel	Solar	Wind	Tidal	optionb
Harnessing the wind energy is done by	Wind Mill	Ball mill	Flour Mill	Pig mill	optiona
Wind energy generation depends on	direction of wind	velocity of wind	humidity	precipitation	optionb
With a minimum resource maximum energy can be created by	solar radiation	wind	Nuclear fuels	tidal waves	optionc
Direct conversion of solar energy is attained by	solar photo voltaic system	solar diesel hybrid system	solar thermal system	solar air heater	optiona
Which is the following source of energy that can be replaced at the same rate at which it is used ?	coal	petroleum	Oil	Biomass	optiond
Fossil fuels are converted into energy by	burning	cooling	sublimation	melting	optiona
Which place in India the tidal energy has been experimented?	Goa	Karnataka	Kerala	Bihar	optionc
Mining practices lead to	Population growth	Rapid urbanizati	Loss of grazing and fertile land	None of these	optionc

		on			
Deforestation can	Increase the rain fall	Introduce silt in the rivers	Increase soil fertility	None of these	optionb
Global warming may bring about the following change in the climate of the earth.	rising in sea levels due to thermal expansion	melting of glaciers	warming of ocean surface	All of the above	optiond
Which of the following is not a solution for global warming?	reducing fossil fuel consumption	Planting more trees	deforestation	None of the above	optionc
India has second largest reserve of after Brazil.	iron ore	bauxite	coal	copper	optiona
Forest is responsible for	watershed protection	land erosion control	providing economic and environmental benefits	All of these	optiond
The main causes of deforestation are	overgrazing and agriculture	industry and other developmental projects.	timber extraction.	All of the above	optiond
The equitable use of resources is necessary for	sustainable development	better lifestyle for all	to sustain natural wealth	all of these	optiona
Famine is mainly the result of	deforestation.	overuse of surface water	a prolonged drought.	All of the above	optiond
Hygroscopic and combined water	are used by plants during transpiration	compensates for loss due to evapotranspiration by plants	stored in the xylem tissues of plant	are of no use to plants	optiond
___ is the perpetual source of energy.	Nuclear reactors	Hydropower	Solar energy	None of the above	optionc
The single largest river development scheme in India is	the Narmada Valley Development Project.	the Damodar Valley Development Project	the Tapi Valley Development Project	the Ganga Valley Development Project	optiona

The green house effect is the phenomenon by which	biological diversity is dominant in agricultural production	the globe's water pollution affects plankton	radiation from planets atmosphere warms the planets surface	climatic changes occur naturally in the forest	optionc
If consumption rate is higher than the replenish rate, _____ starts	Motion	Depletion	Work	Both A and B	optionb
Renewable resources include	Solar energy	Wind energy	Tidal energy	All of the above	optiond
The resources which consume very long time for its generation are	Natural resources	Non-renewable resources	Energy resources	Renewable resources	optionb
The natural resources which can be available for long time by nature are called	Renewable resources	Non-renewable resources	Solar Energy	None of the above	optiona
Which resources convert carbon dioxide into oxygen?	Forest resources	Man-made resource	Natural resources	None of the above	optiona
Deforestation increases percentage of _____ in atmosphere	Oxygen	Carbon-Dioxide	Nitrogen	Hydrogen	optionb
Deforestation relates as a big cause of	Plantation	Vegetative propagation	global warming	Increase of water level	optionc
Depletion of water resource is a	local problem	global problem	private problem	no problem	optionb
Draught and change in routine weather are responsible for	Availability of plenty water	global warming	overpopulation	water depletion	optiond
Green revolution resulted into	Increased food production	Research on seeds to improve its quality	scientific cultivation	All of the above	optiond
Large scale exploitation of mineral resulted in _____ in England	Industrial revolution	Green revolution	Natural revolution	England revolution	optiona
During development of water ways good number of _____ are destroyed	Trees	Crops	Buildings	Land	optiona
Energy can neither be created nor be destroyed, but it can be changed from one form to another this law is known as _____	kinetic energy	potential energy	conservation of energy	conservation principle	optionc

The Acronym MPCB stands for	Municipal Pollution Control Board	Maharashtra Pollution Control Bureau	Madhya Pradesh Pollution Control Board	Maharashtra Pollution Control Board	optiond
The acronym CPCB stands for	Chennai Pollution Control Board	Central Pollution Control Bureau	Central Pollution Control Board	Common Pollution Control Board	optionc
An area surrounding a body of water in which that body of water is subject to is called_____.	Water cycle	Water pumping	Watershed	Rainwater harvesting	optionc
The Acronym NGO stands for	Non Government Organisation	New Geneva Organisation	New Government Organisation	National Geographic Organisation	optiona
In dry areas around the world, which one of the following is an effective way of conserving water?	Increase food waste	Eat less meat	Always turn on the taps	Boil the water when there is no need	optionb
The Acronym EIA stands for	Environmental Impact Awareness	Environmental Impact Assessment	Environmental Impact Audit	Environmental Indian Association	optionb
Which one of the following is the benefit of rainwater harvesting?	Decrease the ground water level	Create good aesthetic view	Provide a lot of water to play	Flood mitigation	optiond
How can we increase the water efficient irrigation system?	By using more manures	By applying drip irrigation method	By not supplying adequate water	By pouring unnecessary water to the land	optionb
Which one of the following is the best way to conserve water?	Using other liquids instead of water for shower	Not taking shower	Taking shower with more water	Taking shower with less water	optiond
Which of the following methods represents the collection of rainwater for use?	Rain water pumping	Rain digging	Rainwater harvesting	Rain collection	optionc

Which of the following environmental problems are related to the combustion of fossil fuels?	Smog	The greenhouse effect (increase in carbon dioxide levels causing the warming of the Earth's surface)	Acid rain	All of the above	optiond
Which of the following statements is not true with regard to fossil fuels?	We consume as much fossil fuel in one day as what the earth took one thousand years to form	Fossil fuels are non-renewable sources of energy	The burning of fossil fuels causes environmental damage	Fossil fuels continue to be formed at a rapid pace	optiond
Which is the world's fastest growing form of energy use?	Manufacturing	Buildings	Transportation	Home consumption	optionc
Which of the following statements is true with regard to global energy?	We know clearly how much of reserve energy we have	The industrialized countries consume a huge part of the total energy	Energy supply is evenly distributed across all countries and within countries	Fuelwood is easily available for the poor people in the developing countries.	optionb
Which source provides the maximum percentage of energy to the people of India?	Fuelwood or firewood	Animal dung	LPG	Electricity	optiona
Which of the following is not a problem with regard to solar energy?	Efficient collection of energy	Conversion of energy into electricity	Being a renewable source	Storage of energy	optionc
Per capita energy consumption in India is	490units	8000 units	1300 units	None of the above	optiona

In 2007,of the total energy used in India ,	40.8% came from coal	27.2% came from biomass, 23.7% came from oil	5.6% came from natural gas and 1.8% from hydropower	All of the above	optiond
For energy conservation we can save electricity like	Turn off the lights and fans when you leave a room and replace the bulbs in our home with CFL	Shut off TV sets,set top boxes, music systems when not in use	Install automatic switch off devices for areas like staircases and if possible install solar lighting system in our home	All of the above	optiond
To save energy in transportation we can	Minimise the use of automobiles for our personal transport and wherever possible use public transport	Use bicycle for local work like shopping	Idling of vehicle at the signals rather than restarting it	Both A and B	optiond
The Energy conservation act is implemented by the agency named	BEE	CBI	ATS	None of the above	optiona
What is the main problem in using hydrogen as fuel?	The burning of hydrogen produces no emissions	The burning of hydrogen produces water	Hydrogen can be produced from water	It takes energy to produce hydrogen	optiond
Worlds largest reserve of natural gas is in	Russia	Kazakhast an	Uttar Pradesh	United States	optiona
Nuclear power accounts for only about_____of the total commercial energy.	6%	20%	15%	30%	optiona
Major source of the world's electricity comes from-----	Hydropower	Nuclear power	Wind power	None of the above	optiona
Among the fossil fuels _____is most harmful to	Oil	Natural gas	Coal	None of the above	optionc

the environment.					
The nuclear power plants generate large amounts of	oxygen	deadly radioactive waste	carbondioxide	None of the above	optionb
Which of the following is not a renewable resource.	Coal	Geothermal Energy	Dendrothermal Energy	All of the above	optiona
Which of the following methods of timber extraction cause minimum environmental damage?	Clear felling.	Hand logging	Selective logging.	Reduced-impact logging.	optiond
Forest is responsible for	watershed protection	land erosion control	providing economic and environmental benefits	All of the above	optiond
A sudden uncontrolled descent of a mass of earth under the force of gravity is called	soil erosion	mining	landslide	earthquake	optionc
The heat of the interior of the earth present at the volcanic regions, geysers or hot springs is called	geothermal energy	dendrothermal energy	nuclear energy	wind energy	optiona
Which one of the below is the perpetual source of energy?	Nuclear reactors	Hydropower	Solar energy	None of the above	optionc
The least quality of coal with 95 per cent carbon content and only 5 per cent volatile matter is	lignite coal	anthracite coal	bituminous coal.	peat coal	optionb
All sources of water such as the oceans, lakes, rivers and underground water together constitute:	Hydrosphere	Atmosphere	Lithosphere	Biosphere.	optiona
Prospecting, exploration, development and exploitation are the four phases of	mining	urbanization	deforestation	industrialization	optiona
Burning of biomass produces	thermal energy	bioenergy	wind energy	hydropower	optionb
Any material that can be transformed into more valuable and useful product or service is called	resource	mineral	product	None of the above	optiona
The constituents of producer gas are	water vapour and methane	propane and carbon dioxide	methane and nitrogen	carbon monoxide and nitrogen	optiond

Which of the following items is not provided by natural forests?	Fuelwood	Honey	Medicinal plants	Monoculture	optiond
Which of the following statements is true with regard to deforestation?	It adversely affects local communities	It does not lead to global warming, since trees absorb carbon dioxide.	It does not affect rainfall pattern.	It does not lead to the loss of top soil.	optiona
Which of the following statements is true with regard to forest certification?	It is carried out only by UN Forum on Forests.	It is compulsory	It enables the consumer to make responsible choices	Both B and C	optiond
Which of the following statements is not true with regard to Joint Forest Management?	It recognizes the important role of local communities in forest conservation.	The local people are allowed controlled access to the forest areas.	The local people are not permitted to harvest the resources, since the forest belongs to the government.	The local people act as the guardians of the forest.	optionc
What did the word Chipko become famous for ?	It is the name of the peoples's movement to save the forests in the Himalayas.	It means 'hugging trees'.	It is a song of the hill communities.	It happened only in Renni village.	optionb
Forest certification bodies are	FSC	PEFC	UNFAO	Both A and B	optiond
What does the case of Andaman Nicobar islands tell us?	Massive deforestation through extraction of timber.	Opening of forests through road building.	Population pressures and problems of indigenous people.	All of the above	optiond

What is true about the role of forest fire?	The combustion frees the minerals locked up in the dry organic matter.	Fire removes plant cover and exposes the soil	It helps to control pathogens and harmful insects,	All of the above	optiond
What should we do to save forests?	Stop the destruction of Earth's forests	Do not use the world's rich forest resources to improve life of poor people and for the benefit of forest dependent communities.	Do not apply sustainable forest management approach.	Plan for the use and protection of only forest and not whole landscape.	optiona
The Acronym WCED stands for	World Chemical Energy Development	Wild Commission on Environment Development	World Commission for Empowerment and Development	World Commission of Environment and Development	optiond
The Development that meets the needs of the present generation without compromising the life quality of future generation is	Environment Development	Sustainable Development	Environment Protection	Environment Conservation	optionb
to protect and improve the natural environment including forests, lakes, rivers and wild life, and to have compassion for living creatures this statement belongs to article	51A (g)	51A (h)	51-A	52-B	optiona

Protection and improvement of environment and safeguarding of forests and wild life The State shall endeavor to protect and improve the environment and to safeguard the forests and wild life of the country is statement of which article in constitution of India?	48D	48C	48A	48B	optionc
Which of the following statements is not true with regard to communities in mining areas?	They often lose their land and livelihoods.	All of them get employed in the mines.	They often do not have access to fresh water and sanitation.	They are displaced from their land.	optionb
Figure in the question shows	Rain water harvesting	Rain water pumping	Rain water irrigation	Rain water disposal	optiona
Which of the following is not an advantage of Rain water harvesting?	Reduced energy bill	Reduced water bill	Growth of Cities	Ground water recharging	optionc
Which of the following statements is true with regard to organic farming?	It uses chemical fertilizers.	Overtime, it makes soil healthier.	It uses chemical pesticides.	It does not use animal or green manure.	optionb
Rain water harvesting will increase _____	River water level	Sea water level	Ground water level	Tank water level	optionc
The Brundtland Commission is related to	Rainwater harvesting	Environmental Impact Assessment	Sustainable Development	Renewable Energy	optionc
Solar Energy can be used to produce	Heat	Electricity	Both A and B	Water	optionc
Which of the following statements is not true with regard to the Green revolution?	It increased crop yields.	It needs fertilizers and pesticides.	It requires decreasing inputs over time.	It uses high yielding varieties of seeds.	optionc
Which of the following is not a problem related with land?	Waterlogging	Salinization	Desertification	Climate change	optiond
Identify Box type solar cooker from following					optiond
Which is the most important support for all plant growth and all life?	Topsoil	Fertilizer	Farming	Pesticide	optiona

Which of the following statements is not true with regard to GM crops?	They could have greater resistance to pests.	They are proven to be completely safe.	They could resist draught or salinity.	They could reduce the amount of fertilizers needed.	optionb
Dam makes water toxic	TRUE	FALSE	Both A & B	None of the above	optionb
The Roof top rainwater harvesting features which of the following activities?	Collection of rain water falling on roof	Storing of water on roof	Purification of water on roof	None of A, B and C	optiona
_____are the components of roof top rainwater harvesting.	Roof, pipes , well	Basement , pipes and filters	Pipes, well, filter,tank	Catchment, Transportation ,First flush , Filter	optiond
Sand and Gravel Filter is used to Purify	Air	Water	Nitrogen	Carbon dioxide	optionb
Recharge is the primary method through which water enters _____	Over head tank	ground	Distribution system	Lake	optionb
The movement of water during hydrological process of recharge of ground water is from	Surface to reservoir	Underground to surface	Surface to underground	Underground to sea	optionc
Which of the following is not green energy?					optionb
Which of the following activities cause Ground water table is depletion?	Check on wastage of water	Prudent use of water	Surface accumulation of water	over pumping of ground water	optiond
Damanganga-Pinjal Link is a	Dam	Interlinking of rivers	Hydro power plant	Highway	optionb
Par-Tapi-Narmada Link Project is associated with following states	Karnataka and Goa	Maharashtra and Gujarat	Maharashtra and Madhyapradesh	Maharashtra and Chattisgad	optionb
The Indian states benefited by Ken Betwa Link Project are	Maharashtra & Gujarat	West Bengal & Orissa	Madyapradesh & Uttarpradesh	Karnataka & Tamilnadu	optionc
The River interlink projects in India are managed by _____	National River Development Agency	National Resource Development Agency	National Water Development Agency	National Environment Agency	optionc
_____Maintains the balance between social and economic development along	Environment Development	Sustainable Development	Rainwater harvesting	None of these	optionb

with protection pf nature .		ent			
The Geographic feature that collects , stores and releases water is	Wasteland	Wetland	Water divider	Watershed	optiond
The Non Government Organizations	Play a significant role in environmental protection	Mainly work at the grassroots level	Act as the eyes and ear of the government	All of A , B & C	optiond
Sunderlal Bahuguna was associated with	Chipko Movement	Plastic ban Movement	Narmada Movement	Ganga Movement	optiona
_____is widely recognized study of environmental impact on developmental projects.	Environmental Risk Assessment	Environm ental Impact statement	Environmental Impact Assessment	Environmental Management system	optionc
The rate of growth of population in developing countries is	Equal to that of developed countries	Greater than that of developed countries	Smaller than that of developed countries	All of A, B & C	optionc
Which of the following come under Family welfare programme?	Family planning	Welfare of children, women, Elderly and Divyang	Both A and B	None of A & B	optionc
The Acronym ORS in connection with human health stands for	Online registration system	Oral Re hydration Solution	Oral Regulation system	Occupational Requirement Survey	optionb
Telemedicine and weather forecasting are examples of	Marketing strategy	Use of radio sensing technolog y	diversification of healthcare department	application of IT in environment and healthcare	optiond
The Acronym UNEP stands for	United nations environmental policy	United nations environme ntal program	United nations environmental protection	None of these	optionb
The threat to global environmental balance is an outcome of	Overuse of natural resources	Increased Pllution	Population explosion	All of A , B & C	optiond

One's own belief , principles , perceptions , feelings and behavior to judge what is right and wrong is called	Morality	perception	life science	value education	optiond
Which of the following is not a renewable resource	Coal	Wind power	Geothermal	Wave power	optiona
The main causes of deforestation are	overgrazing and agriculture	industry and other developmental projects	timber extraction	All of A , B & C	optiond
Hydroelectricity can be produced by	Constructing Hydel Project	Establishing Wind mill	Installing Solar panel	Setting up thermal Power plant	optiona
Watershed protection and land erosion control can be achieved through	growing forest	constructing dam	interlinking river	hydro power plant	optiona
The source of Geothermal energy is	Burning of coal	Interior of the earth	Sun	Flowing water	optionb
All sources of water such as the oceans , lakes, rivers and ground water together constitute	Hydrosphere of Earth	Atmosphere of Earth	Lithosphere of Earth	Biosphere of Earth	optiona
Which of the following is an NGO?	WHO	WWF	UNO	UNESCO	optionb
The equitable use of resources is necessary for	sustainable development	better lifestyle for all	to sustain natural wealth	All of A , B & C	optiona
Environmental Impact Assessment EIA	should be made compulsory for starting a developmental project	should not be made compulsory for starting a developmental project	should be done after completion of development project	All of A , B & C	optiona
The control over air pollution in India is supported by which of the following Acts ?	Forest act	Police act	Environmental Pollution control act	wild life act	optionc
Which of the following is an a contribution from forest towards environment?	They offer places for excursion	they act as water sheds	they prevent rainfall in monsoon	They provide timber	optionb
Which of the following amendments paved way for the establishment of The Central Ground Water Authority?	Environment protection Act, 1988	Environment protection Act, 1987	Environment protection Act, 1996	Environment protection Act, 1986	optiond

established					
What is the function of a fuel reformer in a fuel cell?	Enabling the fuel cell to use a hydrocarbon instead of hydrogen.	Control of emissions from fuel cell.	Cooling of fuel cell.	Enabling the fuel cell to use water as a fuel.	optiona
Which of the following forms of land degradation is more prevalent in India?	Desertification	Soil erosion	Landslide	Soil subsidence	optionb
Which of the following is the most environmentally friendly agriculture?	Use of chemical fertilizers and insecticides.	Use of insecticides and organic fertilizers.	Use of organic fertilizers and alternate methods for insect control.	Use of chemical fertilizers and alternate methods for insect control.	optionc
Which of the following measures is not a solution for improving the acceptability of dam projects?	Avoid and minimize ecosystem impacts.	Ensure that displaced and project affected people's livelihoods are improved.	Conduct regular monitoring and periodic review.	Construct a single large dam instead of a number of small dams.	optionb
What is the major characteristic of drought differentiating it from other natural calamities?	Drought could cause life and property loss.	Drought has both natural and social implications.	Drought could recur in the same place.	Without a well defined start nor end, drought is a slow process.	optiond
Which of the following is not an ideal solution for tackling water crisis?	Drilling large number of deep bore wells	Population growth control	Water conservation in irrigation	Water pollution control.	optiona
India has world's largest share of which of the following?	Manganese	Mica	Copper	Diamond	optionb
Which of the following is not viable protection against deforestation?	Reduce the consumption of forest and related products.	Boycott products of companies involved in	Privatization of forest land.	Environmental education.	optionc

		deforestation.			
How does dams affect deforestation?	Open up previously inaccessible forest to public.	Submerge s forest.	Damages downstream ecosystems.	All of the above.	optiond
The removal of carbon dioxide from earth\\\'s atmosphere and the provision of long term storage of carbon dioxide in the terrestrial biosphere is known as	Carbon Sequestration	Carbon dating	Carbon fixing	Photosyntheis.	optiona
\'The value of forests is often higher when it is left standing than it could be worth when it is harvested\'. Which of the following factors is most supportive of the above statements.	Increase in timber value as time passes.	Increase in wild life	Increase in ecotourism.	Increase in forest produce.	optionc
which of the following is not true about deforestation?	Population explosion is one of the reasons for deforestation.	Clearing of forest for agriculture causes deforestation	Deforestation is taking place in developing countries.	Cash crop economy of third world is a cause of deforestation	optionc
As per FAO definition the minimum percentage of depletion of tree crown cover, that can be considered as deforestation is	10%	20%	30%	40%	optiona
Water could be the source of the world\'s next big conflicts.	TRUE	FALSE	Partially true	None of the above.	optiona
Environmental damages caused by mining last long after the mine has closed due to followng factors	Impacts on health,destructi on of forms of community subsistence and life.	appropriat ion of the land belonging to the local communiti es.	alteration of social relationships and social disintegration.	All of the above	optiond

Forests transform _____	Degraded area	Non-Degraded area	Industrial area	None of the above	optiona
Who have started reducing emissions from deforestation and forest degradation.	Russian and Europe.	UK and Brazil	United States and World Bank	All of the above	optionc
industries where solvents most likely used	engineering	Chemicals	Footwear	All of the above	optiond
What steps are carried out worldwide to stop deforestation?	Educate citizens to use the forests in more sustainable way.	To repair the damage that deforestation has done.	To protect the forest land and vegetation cover	All of the above	optiond
Lowest contribution for power station capacity in India is from	Coal	Gas	Hydroelectric projects	Diesel	optiond
Non-renewable resources include	Coal	Oil	Natural gas	All of the above	optiond
A popular form of ecotourism is	Bird watching	Mountaineering	Trekking	Fishing	optiona
Fluoride in the atmosphere is contributed by	Burning coal	Steel industries	Brick-making	All of these	optiond
Radiation that people are exposed to are measured by	Richter	Pounds	Rad	All of the above	optionc
Common heavy metals that pollute soil and water include	Cadmium	Lead	Mercury	All of the above	optiond
Large scale depletion of ground water is caused by	Deep wells	River	Agriculture	None of these	optiona
Global atmospheric temperatures are likely to be increased due to:	Burning of fossil fuel	Water pollution	Soil erosion	None of the above	optiona
Which of the following is not a solution of global warming?	Reducing fossil fuel consumption	Planting more trees	Deforestation	None of the above	optionc
Which important greenhouse gas other than methane is being provided from the agricultural fields?	SO	Nitrous oxide	Ammonia	None of the above	optionb
Ozone layer is present in:	Troposphere	Mesosphere (c)	Stratosphere (d)	Thermosphere	optionc
Which of the following gases contributes maximum to the Greenhouse effect on earth	Carbon dioxide	Methane	Chlorofluorocarbons (d)	Freon	optiona

Increasing skin cancer and high mutation rate are the result of:	Ozone depletion	Acid rain	CO pollution	None of the above	optiona
Which of the following statements about ozone is true?	Ozone is a major constituent of photochemical smog	Ozone is highly reactive (c)	Ozone protects us from the harmful UV radiation of sun	All of the above	optiond
Agricultural activity such as tilling, harvesting, heating and ventilation are direct consumes of:	Energy	Air	Sun	Heat	optiona
Housing affects:	Neighbourhood	Energy consumption	Water consumption	All of the above	optiond
Production, transformation and use of energy are the major problems of:	Industrial activity	Rain Water Harvesting	Global warming	Acid rain	optiona
Extraction of mineral and metal form the earth is:	Agriculture	Transportation	Mining	Sustainable development	optionc
Meeting the needs of the present without compromising the ability of future generation to meet their own need is given by:	Brundtland	Mahatma Gandhi	Maathai	Sunderlal Bahugana	optiona
The problems for criticism about large dams are that they	Displace large number of peasants and tribes without proper rehabilitation	Swallow up huge amounts of public money without the generation of proportionate benefits	Contribute enormously to deforestation and the loss of biological diversity	All of the above	optiond
The following are stakeholders of forests which one of these causes the maximum damage to forest?	People who live in or around the forest	The industrialists	The wildlife and native enthusiasts	The forest department of the government	optionb
Chipko Andolan is concerned with	Conservation of natural resources	Development of new breeds of forest	Zoological survey of India (d)	Forest conservation.	optiond

		plants (c)			
Which energy of water is used to produce hydroelectricity?	Potential energy	Kinetic energy	Both (a) and (b)	None of the above	optiona
The Chipko movement started from:	Alakananda Valley	Arborio forest	Khejralli village	None of the above	optiona
The concept of sustainable development encourages	Form of growth that meets current basic needs	Preservation of the resources for the need of future generation	A change in all respects of life	Growth to meet current needs, preservation for the needs of future and change in all respects of life	optiond
When we consider the conservation of forests, we need to look at the	People who are humanists and conscious about human rights (b)	Industrialists who use the various forests produce	The people who live in or around forests	The forest department of the Government, the industrialists and the people who live in or around forests	optiond
Water harvesting is an age-old concept in India. Various methods are used in different regions of India. Khadins water harvesting method is used in	Rajasthan	Maharashtra	Bihar	Uttar Pradesh	optiona
When combustion of coal takes place in insufficient air (oxygen) which gas is formed, instead of carbon dioxide	Sulphur dioxide	Nitrous oxide	Carbon monoxide	Nitrogen peroxide	optionc
Wind is beneficial resource of energy as it doesn't cause	Pollution	Echo	Noise	Sound	optiona
countries are known for hot springs	New Zealand	Ice land	Germany	Both a and b	optiond
Fossil fuel is an important source of energy for	Transport	Homes	Industries	All of the above	optiond
When animals and plants are rotten in absence of air, then they produce a gas called	oxygen	carbon dioxide	biogas	methane	optionc
Black painted panels which are hanged at roofs to trap heat and energy from sun, are	Solar cells	Solar heater	Solar furnace	Solar battery	optionb
Plants material and waste from living things are regarded as	fossil fuel	bio mass	coal	crude	optionb
Bio gas is a renewable source of	energy	heat	light	fossil	optiona

Trapped heat inside earth is known as	thermal energy	geothermal energy	heat energy D.	volcano	optionb
Thousands of mirrors or curved metals are used to focus solar energy to make it very hot, in	solar cells	solar heater	solar furnace	solar battery	optionc
The management of natural resources should take into account	A long term perspective	Environmental pollution	Their equitable distribution	(a), (b), (c) and safe disposal of wastes	optiond
Amirata Devi Bishnoi sacrificed her life for the protection of	Sal trees	Pine trees	khejri trees	Alpine meadows	optionc
In which region of India bundhis are used for water harvesting?	Rajasthan	Maharashtra and Uttar Pradesh	Madhya Pradesh and Bihar	Uttar Pradesh and Madhya Pradesh	optiond
To preserve resources for future, we have to	look for more	consume more of them	save them	use them more frequently	optionc
Most natural resources we consume at our homes or in our cars are	renewable	nonrenewable	infinite	free	optionb
For travelling short distances, best way to conserve natural resources is	by driving	by flying	by taking lift	by cycling	optiond
The way we consume the renewable resources, it affects their	power	efficiency	availability	cost	optionc
Energy we use to heat our homes, drive our cars and run our computers comes from	Artificial Resources	Natural Resources	Renewable Resources	Nonrenewable Resources	optiond
The primary composition of coal is _____	Carbon	Oxygen	Hydrogen	Nitrogen	optiona
Which of the following nonrenewable energy is not classified under a fossil fuel?	Nuclear	Petroleum	Oil	Natural gas	optiona
The major non-renewable energy usage in India is _____	Coal	Petroleum and other liquids	d) Nuclear	Natural gas	optiona
Which gas is likely to be reduced in the atmosphere by deforestation?	Carbon dioxide	Oxygen	Nitrogen	Sulphur dioxide	optionb
Which Ministry is mainly responsible for refining, distribution, import, export of petroleum products and natural gas in India?	Ministry of Petroleum and Natural Gas	Ministry of Fossil Fuel	Ministry of Non-Renewable Energy	Ministry of Oil	optiona

The most abundantly available fossil fuel in India is	Coal	Natural Gas	Petroleum	Oil	optiona
Bill Gates, Chairman of the Board for Terra Power Company is associated in which of the following non-renewable resources?	Earth minerals	Fossil fuels	Nuclear energy	Metal ores	optionc
How many Nuclear power stations are there in India?	5	6	7	8	optionc
Which of the following is not an environment act?	Air (Prevention and Control of Pollution) Act, 1981.	Water (Prevention and Control of Pollution), 1974.	Wildlife Protection Act of 1972.	Energy Conservation Act 2001	optiond
Air Prevention and Control of Pollution Act came in existence in	1980	1981	1982	1983	optionb
Which of the following is a power of the State Pollution Control Board Under the Air Pollution Control and Prevention Act	To conduct surveys of Industry	To check production of industry	To inspect areas covered under air pollution control at regular intervals or whenever necessary	All of these	optionc
The main objectives of the Air Pollution Control Act	To provide for the prevention, control and abatement of air pollution	To provide for the establishment of central and State Boards with a view to implement the Act	To confer on the Boards the powers to implement the provisions of the Act and assign to the Boards functions relating to pollution	All of A , B & C	optiond
Water Prevention and Control of Pollution Act came in existence in	1974	1975	1976	1977	optiona

Water Pollution Control Act has provision for CPCB to	advise the Central Government on any matter concerning the prevention and control of water pollution	co-ordinate the activities of the State Boards and resolve disputes among them	plan and execute a nation-wide programme for the prevention, control or abatement of water pollution	All of A , B & C	optiond
Water Pollution Cess Act came in existence in	1976	1977	1978	1979	optionb
Which of the following Acts has the provision of levying Cess on water consumption by Industries and local authorities in India(Air (Prevention and Control of Pollution) Act, 1981.	Water (Prevention and Control of Pollution), 1974.	Water Act	Water (Prevention and control of Pollution) Cess Act, 1977	optiond
Which of the following is a function of the Central Board?	Co-ordinate the activities of the State Board and resolve disputes among them	Plan and organise training of persons engaged in programme on the prevention , control or abatement of water and air pollution	Disseminate information in respect of matters relating to water and air pollution and their prevention and control	All of A , B & C	optiond
Who among the following are entitled to develop the Manuals, codes and guidelines relating to treatment and disposal of sewage and trade effluents as well as for stack gas cleaning devices, stacks and ducts.	State government	CPCB	State Pollution Control Board (SPCB)	Local Authorities	optionb

Which of the following is a Function of the State pollution Control Boards?	Advising the State Government regarding water pollution control or location of industries	Conducting and encouraging investigations and research relating to different aspects of water pollution	Inspecting trade effluents and waste water treatment plants	All of A , B & C	optiond
Environment Protection Act,1986 came into existence in wake of_____tragedy.	Bhopal	Shimla	Mumbai	Bangalore	optiona
Objectives of Environment Protection Act 1986 are	To implement the decisions made at the UN Conference on Human Environment held at Stockholm in June, 1972.	To co-ordinate activities of the various regulatory agencies under the existing laws	To provide for the creation of an authority or authorities for environmental protection	All of A , B & C	optiond
The figure stands for the logo of which of the following organizations?	MPCB	CPCB	WWF	Green Tribunal	optionb
The Environment (Protection) Act was last amended in _____	1991	1992	2001	2002	optiona
The cess collected in Water (Prevention and Control of Pollution) Act with a view to	to donate for environment work	to pay tax to government	to pay tax to state government	augment the resources of the Central Board and the State Boards	optiond
Punishment for industry polluting environment comes under	Biological Diversity Act 2002	Water (Prevention and Control of Pollution) Act 1974.	Noise control act	Energy Conservation Act 2001	optionb

Which of the following Act addresses the Conservation of biological resources.	Protection of Plant Varieties and Farmers' Rights Act of 2001.	Wildlife Protection Act of 1972.	Biological Diversity Act	None of these	optionc
Endangered species of animals like Royal Bengal Tiger is protected under	Wildlife Protection Act of 1972.	Biological Diversity Act	Environment protection Act, 1996	Animal Protection Act	optiona
Water cycle is getting disturbed due to	Global warming	Pollution	Deforestation	All of A , B & C	optiond
Biological diversity is declining day by day due to	Hunting	Smuggling of animals	Deforestation	All of A , B & C	optiond
Construction of which of the following structures is forbidden in Green belt area?	Building	Dam	Factories	All those in A , B & C	optiond
Green belts in and around urban and industrial areas are important to the _____ of given region.	Biological health	Ecological health	Human health	Economical health	optionb
Which of the following activities are treated as development of Green belt?	Farming land	Planting trees	Cultivation of green algae	Cultivation of green grass	optionb
Select the correct statement from the following	Renewable energy can not be renewed again and again	Renewable energy can be renewed again and again	Renewable energy emits pollutants	Renewable energy is detrimental to environment	optionb
Information technology can be used to forecast weather using	Computer based modelling	Green belt development	Cloud seeding	Protected farming	optiona
Which of the following is an informal mode of education?	Adult literacy Programme	Awareness camps	Community based forums	All of A , B & C	optiond
Which is the year in which, National Green Tribunal came in to existence through an Act of Parliament?	1981	2010	1996	2013	optionb

Which of the following is a woman welfare program	establishment of self reliant women self help group	conducting workshop for mother and child care	conducting medical awareness camp on health aspect of women	All of A , B & C	optiond
Environmental morality is an indicator of	Environmental Awareness	Environmental Ethics	Environmental Impact	Community Health	optionb
RSPM stands for	Readily suspended particulate matter	Regular suspended particulate matter	Respirable suspended particulate matter	Regular Supply Particle Matter	optionc
SPM stands for	selected particulate matter	suspended particulate matter	surrounded particulate matter	Settled Particulate matter	optionb
The diameter of PM 10 is	Less than 10 milimetre	less than 10 micrometre	Equal to or greater than 10 micrometre	Less than 10 Nanometer	optionb
As per national ambient air quality standards, the concentration of Sulphur Dioxide in industrial area should be within_____micro gram/cubic metre.	50	100	150	200	optiona
As per national ambient air quality standards, the concentration of Nitrogen Dioxide in industrial area should be within_____micro gram/cubic metre.	20	40	100	None of these	optionb
As per national ambient air quality standards, the concentration of Particulate Matter (size less than 10 micro gram) in industrial area should be within_____micro gram/cubic metre.	60	10	5	1	optiona
As per national ambient air quality standards, the concentration of Particulate Matter (size less than 2.5 micro gram) in industrial area should	20	40	100	120	optionb

be within_____micro gram/cubic metre.					
As per national ambient air quality standards, the concentration of lead in industrial area should be within _____micro gram/cubic metre .	0.2	0.1	0.3	0.5	optiond
As per national ambient air quality standards, the concentration of CO in industrial area should be within _____mg/cubic metre.	1	3	2	5	optionc
The permissible limit on concentration of ammonia in ambient air for industrial area is _____micro gram/cubic metre .	10	1000	1	100	optiond
As per national ambient air quality standards, the concentration of benzene in industrial area should be within _____micro gram/cubic metre .	5	50	0.5	500	optiona
Biotic component of biosphere is not constituted by....	Producer	consumer	decomposer	air	optiond
If the consumption rate is higher than the replenish ratestarts	Depletion	Motion	Work	Only B and C	optiona
Which is false about biosphere?	It is the global sum of all ecosystems	It has evolved at least some 3.5 billion years ago	It does not contain microbes	It can also be called the zone of life on earth	optionc
1. Over Population is problem in India. 2. Over population is not a example of Pollution.	Both are correct	Both are wrong	1 is correct 2 is wrong	2 is correct 1 is wrong.	optionc
Green house effect leading to the warming up of the earth and atomsphere is due to....	Infrared reaching to the earth	UV rays reaching to the earth	Due to increase in CO2 level	Depletion of ozone layer of atomsphere	optionc
The Environmental cause for increase in skin cancer, cateract in eyes & mutation is	acid rain	global warming	Nuclear waste	ozone depletion	optiond

Acid rain on earth results in	increase PH of Soil	decrease PH of Soil	no effect on PH of soil	increases fertility of soil	optionb
Which of these is not radioactive waste.	Gold	Silver	Magnesium	All of the above	optiond
Which of the following is causing nuclear waste	Aluminum	Magnesium	Uranium	Calcium	optionc
Bhopal tragedy was example of -	Nuclear accident	Gas leak	Earthquake	None of the above	optionb
From the following which are major air pollutants which have made the problem of air pollution very serious.	Carbon Compounds	Sulphur Compounds	Nitrogen oxides & fluorides	All of the above	optiond
Which of these causes the sea level Change over flooding due to process of melting of snow.	Global Warming	Ozone layer depletion	Both A and B	None of the above	optionc
Soil degradation means the _____loss of soil.	Qualitative	Quantitative	Both	None of the above	optionc
The suspended particulate matter causes_____pollution.	Water	Air	Sound	None of the above	optionb
The suspended particulate matter is released into air by_____.	Automotive Vehicles	Stone crusher	Sugar Industry	All of the above	optiond
Sprinkling water can help To reduce the_____pollution in the mining area.	Water	Air	Sound	All of the above	optionb
Which is not the advantage of recycling?	Reduces consumption of fresh raw material	Reduces air pollution	Lowers green house effect	Increases heat	optiond
Rise in temperature makes_____.	Melting of snow	Increases sea level	Both A and B	None of the above	optionc
Which is the odd from the following?	Global warming reduce the water level in ground	Global warming reduce the yield of crop	Global warming will affect the ecological cycle	Global warming will help in increase of forest area	optiond
As per national ambient air quality standards, the concentration of Sulphur Dioxide in ecologically sensitive area should be within _____micro gram/cubic metre.	20	30	40	50	optiona

As per national ambient air quality standards, the concentration of Nitrogen Dioxide in ecologically sensitive area should be within _____micro gram/ cubic metre.	20	30	40	50	optionb
As per national ambient air quality standards, the concentration of Particulate Matter (size less than 10 micro gram) in ecologically sensitive area should be within _____micro gram/cubic metre.	100	40	60	120	optionc
As per national ambient air quality standards, the concentration of Particulate Matter (size less than 2.5 micro gram) in ecologically sensitive area should be within _____micro gram/cubic metre .	100	40	20	120	optionb
As per national ambient air quality standards, the concentration of lead in ecologically sensitive area should be within _____micro gram/cubic metre .	0.5	1.5	2.5	2	optiona
As per national ambient air quality standards, the concentration of CO in ecologically sensitive area should be within _____mg/cubic metre .	0.5	0.6	1.5	2	optiond
As per national ambient air quality standards of India, the concentration of ammonia in ecologically sensitive area should be within _____micro gram/cubic metre .	50	80	100	120	optionc
As per national ambient air quality standards, the concentration of arsenic in Residential area should be within _____nano gram/cubic	2	6	4	8	optionb

metre .					
As per national ambient air quality standards, the concentration of nickel in ecologically sensitive area should be within _____ nano gram/cubic metre.	20	40	60	80	optiona
Dissolved oxygen content in drinking water should be more than_____mg/lit	4	5	6	10	optionc
Waste from hospital is called as	Hospital waste	Medical waste	hazardous waste	Biomedical waste	optionb
Missing component in figure is	Ecology	Biodiversity	Environment	Hydrology	optionc
Renewable energy is part of_____development .	Sustainable	Economic	Environmental	Energy	optiona
Which of the following phenomenon has emphasized the need for sustainable development?	Depletion of natural resources	Pollution	Imbalance of ecology	All of A , B & C	optiond
Name the missing component in the diagram depicting sustainable development.	Ecological	Economy	Biological	Ethical	optionb
This picture depicts the outcome of	Water pollution	Excessive fishing	Excessive dissolved oxygen	None of these	optiona
Which of the following is a NGO	FICCI	Greenpeace	NABARD	DRDO	optionb
It is said that next world war will be fought over	Coal	oil	water	gold	optionc
_____scheme will give concession in property tax in metro cities.	Drain water system	Tree plantation	Rainwater harvesting	All of these	optionc
Which of the following is a Traditionally observed bio indicator of rain	swarms of dragonflies	Croaking of frogs in chorus	Marching of ants carrying their eggs	All of A , B & C	optiond
Environmental impact of development projects can be	immediate	short term	long term	All of these	optiond
Which of the following carries highest conservation value in Environment Planning?	sacred biodiversity	exotic biodiversity	invasive biodiversity	All of these	optiona

The computer driven system that permits storing and retrieving environmental information is	GIS	digital information	information technology	None of these	optiona
World environment day falls on	5-Jul	5-Jun	5-Jan	5-May	optionb
The data for generation of Environmental inventory is	Primary Data	Secondary Data	Tertiary Data	Primary and Secondary Data	optiond
Release of sewage and garbage into wetland will reduce concentration of dissolved _____ in water	oxygen	nitrogen	hydrogen	chlorine	optiona
Which among the following terms is coined as utmost significance in the dynamics of resource management in the Brundtland Commission Report	Polluter-Pays Principle	Sustainable development	Inclusive Growth	Carrying Capacity	optionb
Which of the following is not a part of National Action Plan on Climate Change?	National Water Mission	National Mission on Pollution Control	National Mission for Sustainable Agriculture	National Mission on Sustainable Habitat	optionb
Which of the following act is a specific legislation for declaration and regulation of the Biosphere Reserves in India?	Wildlife Protection Act 1972	Biological Diversity Act, 2002	Environment (Protection) Act, 1986	None of A , B & C	optiond
Which among the following plants has been prohibited from cultivation and planting in India by the Wild Life protection Act?	Killer weed (Parthenium hysterophorus)	Dragon Plant (Dracaena draca)	Belladonna (Atropa Belladonna)	Ladies slipper orchids (Paphiopedilum spp.)	optiond
PM10 and PM2.5 Samplers are used to detect which of the following phenomenon?	Food adulteration	Adulterated Petrol	noise pollution	air pollution	optiond
Which among the following is the upper limit of sound in dB for residential areas as per Central Pollution Control Board (CPCB)?	55	60	75	90	optiona
World water day is observed on _____every year.	22-Mar	23-Mar	25-May	2-Oct	optiona
Which process among the following refers to accumulation and storage of rain water for reuse?	Rain collection	Rainwater harvesting	Rain digging	Rain water pumping	optionb
The process of purifying water using filters is termed ?	Filtration	Sublimation	Rainwater harvesting	Evaporation	optiona
How many methods of rainwater	1	2	3	4	optionb

harvesting are there?					
An area of high ground which divides two or more river systems is called	Rainwater harvesting	Wetland	Watershed	Command area	optionc
Which is the first Airport in the world powered entirely by Solar energy?	Cochin, Kerala	Bengaluru , Karnataka	Chennai, Tamil Nadu	Mumbai, Maharashtra	optiona
Which of the following is not under the Ministry of New and Renewable Energy?	Wind	Soalr	Bio	Large Hydro	optiond
Where is India's largest Wind Farm located?	Jaisalmer Wind Park, Rajasthan	Muppandal Wind Farm, Tamil Nadu	Vaspeta Wind Farm, Maharashtra	Chakala Wind Farm, Maharashtra	optionb
Which Indian enterprise has the Motto "ENERGY FOREVER"	Indian Renewable Energy Development Agency	Indian Non-Renewable Energy Development	Indian Agricultural Development	Indian Biotechnology Development	optiona
The best way to reduce deforestation is by	Using more paper	Clear more area of trees for cultivation	Development of open land through buildings	Planting more trees in open spaces of developed and undeveloped areas	optiond
Which is the first state in India to make roof top rain water harvesting compulsory to all the houses?	Tamilnadu	Kerala	Goa	Assam	optiona
Narmada Bachao Andolan is related to which of the following projects?	Sardar Sarovar	Bhakra Nagal	Koyna	Rihand	optiona
The Acronym NPPA stands for	National Policy on Population Abatement	National Policy on Pollution Abatement	National Policy on Population Absorption	National Policy on Population Arise	optionb
Which is the most recent pronouncement of the government's commitment to improving environmental conditions?	National Environmental Policy	National Water Policy	Environment Act	Air Policy	optiona

Environmental Compliance refers to ?	Conforming to government laws	Conforming to constitutional laws	Conforming to environmental laws	Conforming to tribal laws	optionc
What is the full form of EDMS?	Environmental Data Management Systems	Environmental Data Management Security	Environmental Data Management Sustainability	Environmental Data Management Syndrome	optiona
The objective of the Central Pollution Control Board is	To coordinate the activities of State Pollution Control Boards	Resolve the disputes among them	Create awareness about environment protection	All of A , B & C	optiond
What is the full form of NRCP?	National Railway Corporation Project	National Rivers Cleaning Phase	National Roads Cleaning Phase	National River Conservation Plan	optiond
When did a model bill to regulate and control of groundwater come into force?	1996	1995	1994	1993	optiona
When did the Noise Pollution Regulations and Control Rule came in to force in India?	2000	2005	2006	2010	optiona
What is the meaning of silence zone for noise pollution?	Area comprising more than 100 meters around hospitals and educational institutes	Area comprising not less than 100 meters around hospitals and educational institutes	Area comprising more than 100 meters around clubs and commercial streets	Area comprising not less than 100 meters around clubs and commercial streets	optionb
When was the Factories Act came in to force in India?	1930	1999	1948	1992	optionc
Which Ministry published a draft of Noise Pollution Rules?	Ministry of Foreign Affairs	Ministry of Pollution Control	Ministry of Industries	Ministry of Environment and Forests	optiond
Environmental degradation means	Overall lowering of environmental qualities.	Adverse change brought in by human activities.	Ecological imbalance	All of the above	optiond

Which of the following statements about Radioactive pollution are correct?	It causes genetic changes in the animals.	It causes cancers.	Both A and B are correct	A is correct B is wrong	optionc
Given below are two statements: Assertion (A): Natural vegetation is the true index of climate. Reason (R): Water loving plants are found in moist climate In the context of the above statements, which one of the following is correct?	Both A and R are true and R is the correct explanation of A.	Both A and R are true but R is not the correct explanation of A.	A is true but R is false.	A is false but R is true.	optiona
On a winter day, most automobiles keep the passengers warm by using heat generated by the engine. This use of the heat by-product from a gas engine is an example of :	non-fossil-fuel energy	cogeneration	nuclear power	a sustainable source of energy	optionb
Consider following statements about the Ozone Hole (I) Ozone formation and destruction keep on happening (II) Ozone destruction rate is higher than its formation rate (III) Ozone destruction rate is equal to the its formation rate Which of above statement is/ are true?	(I) only	(I) and (II) Only	(I) and (III)	(III) Only	optionb
Which of the following can be used for controlling Gaseous Pollutant?	Arrestor	Incineration	Absorption	None of the above	optionc
What does the high Biological Oxygen Demand (BOD) indicates?	High level of biodegradable organic Pollution	Low level of Microbial Pollution	Absence of Microbial Pollution	Water is fully pure	optiona
What percent of area in the plain should be under forest?	21	25	30	33	optiond
The gas that shows the most variation from place to place and from time to time in the lower atmosphere:	ozone (O ₃)	carbon dioxide (CO ₂)	water vapor (H ₂ O)	All of the above	optionc
In the atmosphere, tiny solid or liquid suspended particles of various composition are called:	aerosols	carcinogens	greenhouse gases	microbes	optiona
The most abundant greenhouse gas in the earth's atmosphere:	Carbon dioxide	Nitrous oxide	water vapor (H ₂ O)	Carbon Monoxide	optionc

Which of the following processes acts to remove carbon dioxide from the atmosphere?	lightning	deforestation	photosynthesis	None of the above	optionc
This holds a planet's atmosphere close to its surface:	radiation	gravity	cloud cover	moisture	optionb
Which of the following weather elements always decreases as we climb upward in the atmosphere?	Wind	Temperature	Pressure	Moisture	optionc
In a temperature inversion:	air temperature increases with increasing height	air temperature decreases with increasing height	air temperature remains constant with increasing height	it is warmer at night than during the day	optiona
Without the atmospheric greenhouse effect, the average surface temperature would be:	higher than at present	lower than at present	the same as it is now	much more variable than it is now	optionb
The atmospheric greenhouse effect is produced mainly by the:	absorption and re-emission of visible light by the atmosphere	absorption and re-emission of ultraviolet radiation by the atmosphere	absorption and re-emission of infrared radiation by the atmosphere	absorption and re-emission of visible light by clouds	optionc
Suppose last night was clear and calm. Tonight low clouds will be present. From this you would conclude that tonight's minimum temperature will be:	higher than last night's minimum temperature	lower than last night's minimum temperature	the same as last night's minimum temperature	above freezing	optiona
If the sun suddenly began emitting more energy, the earth's radiative equilibrium temperature would:	increase	decrease	remains the same	Oscillate	optiona
Which chemical was responsible for Bhopal gas tragedy?	Methyl isocyanate	Benzene Hexachloride	Tri Nitro Toluene	All of the above	optiona
The adverse effect(s) of acid rain is(are)	Causing paint to peel	Corrosion of steel structures	Killing insects	All of the above	optiond
Liquids with a pH less than ____ are acidic	10	9	8	7	optiond
The earthquakes can cause -	Floods	Landslides	tsunamis	All of the above	optiond

The commonly used material for shielding in nuclear plant is -	Lead and Tin	Graphite and Cadmium	PVC	None of the above	optiona
The main interest of shielding in nuclear plants is to protect from -	Neutrons	Gamma Rays	Both A and B	None of the above	optionc
Reflector in nuclear plant is used for -	Return the neutrons back into the core	Shield the radioactivity completely	Check pollution	None of the above	optiona
The unit of radioactivity is -	Electron volt	Electron ampere	Curie	Lumens	optionc
Where was the first use of nuclear bombs which cause death to the millions of lives?	Karachi	Hiroshima and Nagasaki	London	None of the above	optionb
Which State in India nuclear accident took place?	Tamilnadu	Gujrat	Maharashtra	Karnataka	optiona
Which one of the following medical condition caused by the high exposure of radiation?	Kidney stone	Mutation	Blood pressure	All of the above	optionb
What is the main purpose of nuclear energy?	To kill the enemy nation	To waste the excessive energy	To use it as an alternate source of energy	To cause mutation for people who are working	optionc
Which is the main source of nuclear radiations?	Nuclear power plant	Sunlight	Atmospheric air	Volcanoes	optiona
When does an Environmental Policy achieve positive results?	When policy addresses urban issues	When policy addresses local issues	When policy addresses international issues	When policy addresses national issues	optionb
Why does Greenpeace oppose the use of nuclear power?	Because nuclear power increase the environment rapidly	Because nuclear power plant abolishes the disasters	Because there is no disadvantages in nuclear power	Because it releases harmful radiations	optiond
When was Greenpeace founded?	1965	1967	1968	1971	optiond
When was the Bombay Natural History Society (BNHS) founded?	1857	1868	1883	1893	optionc

What is the full form of CYWEN?	Club of Youth Working for Environment	Council of Youth Working for Environment	Council of Youth Working for Education	Council of Youth Working for Employment	optiona
When was Indian Forest Act enacted?	1910	1911	1926	1927	optiond
Which act was enacted in 1972 to protect of plants and animal species in India?	Indian Forest Act	Wildlife Protection Act	Environmental Act	Natural Protection Act	optionb
Name the state in India where Wildlife protection Act is not applicable?	Maharashtra	Jammu and Kashmir	Karnataka	Madhya Pradesh	optionb
Which domain of the 7th five year plan made the provision of the protection of environment?	Environment Protection Act, 1986	Indian Forest Act, 1927	Wildlife Protection Act, 1972	National Forest Policy, 1988	optiona
The Ministry of Environment and Forests is a nodal agency of _____ Government?	The State	The central Government	District Authority	Municipal Corporation	optionb
Who adopted the technique of public interest litigation for the cause of environmental protection in many cases in India?	Indian Parliament	Indian Army	Indian Civil Services	Indian judiciary	optiond
Which of the following is an environmental issue?	Use of resources	Use of economy	Education	Employment	optiona
Which one of the following is the best way to protect environment by individuals?	By simply talking about environment	By killing organisms and cutting trees	By joining NGOs and involve themselves in environmental protection works	By simply sitting in a home	optionc
The NGO with which Dr. Salim Ali is associated with is	Green peace	Bombay Natural History Society (BNHS)	Kaya	Urja	optionb

What is the best way to educate school kids about the environment?	Introduction of environmental awareness in curriculum	Introduction of projects on environmental issues in curriculum	Conducting environmental awareness camps in collaboration with NGOs	All of A , B & C	optiond
What is sustainable development?	The development that meets the needs of the present without compromising the ability of future generations to meet their own needs.	To conserve natural resources and to develop alternate sources of power while reducing pollution and harm to the environment.	It is the practice of developing land and construction projects in a manner that reduces their impact on the environment by allowing them to create energy efficient models of self-sufficiency.	All of A , B & C	optiond
Which of the following Statement is related to the Sustainability?	It refers to a process or state that can be maintained indefinitely.	Natural resources must use in ways that do not create ecological debts by over exploiting the carrying and productive capacity of the earth.	A minimum necessary condition for sustainability is the maintenance of the total natural capital stock at or above the current level.	All of A , B & C	optiond

Which of the following is/are not an objective (s) of sustainable development?	To bring about a gradual and sometimes catastrophic transformation of environment	Continue to implement the family planning program.	Maintain a dynamic balance of arable land (not less than 123 million hectares) and implement an agricultural development strategy	Maintain a dynamic balance of water resources by reducing water consumption for every unit of gross development product growth and agricultural value added	optiona
Which of the following is a Primary Goal of Sustainability?	The end of poverty and hunger	Achievement of gender equality	Sustainable economic growth while promoting jobs and stronger economies	All of A , B & C	optiond
What is the approximate percentage of Earth's water which is stored in underground aquifers?	About 1%	About 5%	About 10%	About 20%	optiona
What is the process by which water enters the small pore spaces between particles in soil or rocks?	transpiration	infiltration	precipitation	sublimation	optionb
The percentage of pore volume to the total volume of rock is called _____ of rock.	permeability	recharge	aquifer	porosity	optiond
The lowering effect on the water table about the base of the well stem is called	aquiclude	artesian surface	cone of depression	speleothem	optionc
Which of the following is an effect of Excessive pumping of ground water?	Depletion of the ground water table	Drying up of wells	None of A & B	Both A & B	optiond
Water fit for drinking purpose is called as	potable water	groundwater	surface water	artesian water	optiona
CPCB comes under the ministry of	Human resource development	Environment and forest	Health	Urban development	optionb
Which one of these air pollutants is not monitored under NAMP by CPCB	NO ₂	SO ₂	RSPM	CH ₄	optiond

Target group for formal education is	Children and youth	Farmer	Workers in unorganized sector	Elderly public with plenty of free time	optiona
Target group for informal Education	Children and youth	Educated and employed	Uneducated Workers	All of these	optiond
Feature of formal education is	Education as a Full time and Primary activity	Education as a Parttime and secondary activity	Education during Vacation	Education as an optional activity	optiona
The feature of informal education is	Full time education	Part time education	Education as day scholar in school	Education in boarding school	optionb
For better human health application of IT is needed in	bioinformatics	genome sequencing	biotechnology	All of A , B & C	optiond
The Acronym ENVIS stands for	Environmental system	Ecological system	Environmental Information System	None of these	optionc
The Acronym GIS stands for	Geographical Information System	Geographical International System	Government Information System	All of these	optiona
Which of the following is a duty of state according to Article 48-A of Indian Constitution?	Providing Education to the youth in the state	Protection and improvement of environment, safeguard the forests and wild life of the country	Establishing urban infrastructure	Developing health facilities for the citizens in the state	optionb
Bore well is an access to	Dam water	River water	Ground water	lake water	optionc

Which of the following is an example of Environmental Morality?	Recharge ground water by rainwater harvesting at your home without compulsion	Recharge ground water by rainwater harvesting at your home due to compulsion	Discharge water into sea	Discharge of water to river	optiona
Which of the following is a Hydrological function of watershed?	Collect rainfall water	Store water in for different periods	Release water as runoff	All of A ,B & C	optiond
Causes of watershed deterioration are	uncontrolled, unplanned, and unscientific land use	Faulty agricultural methods	Both A and B	None of A & B	optionc
Common treatment methods for watershed deterioration are	Excavation of trenches across the slope to break the velocity of runoff	Stones are dry packed across the hill slope to intercept surface runoff	Conversion of slopes into level steps fields	All of A , B & C	optiond
Watershed management in simplest terms refers to	Watershed Construction	Watershed protection	Watershed planning	Degradation of watershed	optionb
The basic objectives of watershed management	Increase soil infiltration	Reduce damage caused by excess runoff	Manage runoff for useful purposes	All of A , B & C	optiond
Water quality in the watershed can be affected by	use of soap and detergents	constructing dam	by Rainwater harvesting	Irrigation	optiona
Which of the following is an example of Watershed management project in Maharashtra	Ajintha in Aurangabad District	Ralegan Siddhi in Ahmednagar	Chiplun in Ratnagiri District	Malwan Sindhudurg District	optionb

		District			
A proposal to establish a new industry needs to be accompanied with which of the following report for approval from the Ministry of Forest and Environment	EIA report	Financial status report	Feasibility report	Technical report	optiona
The area in which the PAANI Foundation in Maharashtra works is	Drought prevention and Watershed Management	Plastic ban	Organic Farming	Control of Water Pollution	optiona
Celebrity Film star Aamir Khan is associated with	Brila Foundation	Paani Foundation	Kahdi Foundation	NAAM Foundation	optionb
Full form of CTBT is;	Comprehensive Nuclear-Test-Ban Treaty.	Comprehensive Test Bank Trust.	Comprehensive Trust Ban Treaty.	Comprehensive Test Ban Trusty.	optiona
What is the full form of BOD?	Bacterial Oxygen Demand.	Biological Oxygen Demand.	Biological Oxide Demand.	None of the above	optionb
Full form of COD is;	Chemical Oxide Demand.	Chemical Oxygen Demand.	Chemical Ozone Demand.	None of the above	optionb
With respect to environment science, full form of SPM is;	Suspended Partial Matter	Suspended Particulate Matter.	Suspended Pollutant Matter.	None of the above	optionb
Silviculture is the management of-	Rivers	Lakes	Hills	Forests	optiond
Rapid growth of population at present time is due to-	Lack of awareness among people to check birth rate.	Global terrorism.	Family planning.	Migration.	optiona
Which of the following have been able to check the rapid growth of population?	Underdeveloped countries.	Developed countries.	Developing countries.	None of the above	optionb
The founder of Vanarai foundation is	Dr. Mohan Dharia	Dr. Sharad Dharia	Aamir Khan	Dr. Satyaprakash	optiona

If some one notices polluted water coming from industry in Maharashtra, he/she can approach to	MSEB	MPCB	MERC	All of these	optionb
MPCB is entitled to collect which of the following samples in Maharashtra	Air Pollutant	Water Pollutant	hazardous waste	All of A , B & C	optiond
Responsibility of CPCB includes abatement and control of pollution in the country by	generating relevant data	providing scientific information	rendering technical inputs for formation of national policies and programs	All of A , B & C	optiond
_____ education of environment will help every citizen to protection environment.	Formal	Informal	Both A and B	None of these	optionc
_____ act was enacted in 1977.	Water Pollution act	The Water (Prevention and Control of Pollution) Act	The Water (Prevention and Control of Pollution) Cess Act	None of these	optionc
The Environment Protection can be made effective by	Forcing people	Making people aware about environment	Providing more financial budget to CPCB	Doing energy conservation.	optionb
Use of _____ energy will be helpful in protection of environment and sustainable development.	Soalr	Nuclear	Hydro electric	Thermal	optiona
UV radiations from sunlight produces -	Ozone	Sulphur Dioxide	CO	Fluorides	optiona
Water pollution is due to -	Carbon dioxide	Sulphur Dioxide	Oxygen	Industrial waste	optiond
Black Lung disease is common in -	Farmers	Coal mine workers	Refinery workers	Petrochemical workers	optionb
Acid rain will not affect -	Lithosphere	Ozone layer	Plants	Animals	optionb
Aerosols having carbon and Florine compounds are mainly released by -	Automobiles	Industries	Jets	Refineries	optionc

Bronchitis is caused due to -	Polluted Air	Polluted water	Polluted soil	Adulteration of food	optiona
For clean environment which one is non essential -	Producer	Polluter	Consumer	Decomposer	optionb
Air pollution is not caused by -	Pollen grains	Hydro electric power	Industries	Automobiles	optionb
BOD is measure of -	Electronic waste poured in water	Extent of pollution due to organic compound	CO combined with hemoglobin	O2 required by green plants	optionb
UV radiations bring about cancer of-	Skin	Lungs	Mouth	Liver	optiona
Select the correct statement about the particulate matter -	10 um sizes creates lung disease	More than 2.5 um trapped in lungs	Less than 2.5 um penetrates deep into lungs	None of the above	optionc
Fluoride pollution mainly affects -	Teeth	Heart	Kidney	Liver	optiona
Green muffler is related to pollution of	Air	water	Soil	Noise	optiond
Methemoglobinemia is caused by-	Nitrates	CO	Methane	Ag	optiona
Pollution is controlled by -	Using electrical cars	Banning atomic blasts	Sewage treatment	All of the above	optiond
DDT is -	Non-biodegradable pollutant	Antibiotic	Bio-degradable Pollutant	Not a pollutant	optiona
Which will not cause atmospheric pollution -	SO2	CO2	H2	CO	optionc
In vehicles catalytic converter are used to -	Increase mileage	Convert CO2 to carbonates	Increase efficiency of lead petrol	Convert CO to CO2	optiond
Which metal causes harmful effects -	Lead	Uranium	Cobalt	All of the above	optiond
Which is not dangerous for life -	Ozone layer	deforestation	Nuclear blast	Bio-pollutants	optiona
Oxides of Sulphur and Nitrogen are important pollutants of -	Air	water	soil	All of the above	optiona
Purpose of biological treatment of waste water is to -	Reduce sedimentation	Increase sedimentation	Reduce BOD	Increase BOD	optionc

Ozone depletion can cause higher incidence of -	Skin cancer	Cataract	Decreased immunity	All of the above	optiond
Which is not pollutant from exhaust of motor vehicle -	Hydrocarbon gas	Fly ash	Carbon dioxide	Carbon Monoxide	optionb
Pollution is rising due to -	Research institutes	Rain	Hydro power projects	Automobiles and Industrial wastes	optiond
Ozone hole is maximum over -	Europe	Africa	India	Antarctica	optiond
Green house effect is related to -	Increased growth of green algae	Global warming	Cultivation of vegetables in house	Development of terrace garden	optionb
Which pollution causes Jaundice -	Air	water	Land	Thermal	optionb
Which one of the following is a wrong statement?	Greenhouse effect is a natural phenomenon	Eutrophication is a natural phenomenon in freshwater bodies	Most of the forests have been lost in tropical areas	Ozone in upper part of atmosphere is harmful to animals	optiond
dB is a standard abbreviation used for the quantitative expression of	The dominant Bacillus in a culture	The density of bacteria in a medium	A certain pesticide	Noise Pollution	optiond
Removal of top fertile soil by water is called	Leaching	Weathering of soil	Siltation	Soil erosion	optiond
Which of the following fuels has highest carbon intensity?	Natural gas	Oil	Bituminous coal	Biomass	optionc
Which one of the following is toxic to the blood, after combining with haemoglobin?	CO ₂	CO	SO ₂	CH ₄	optionb
Assertion (A): Oil slick in the ocean causes mass scale death of fish. Reason (R): The gills of fish get clogged.	Both (A) and (R) are true with (R) being the correct explanation.	Both (A) and (R) are true but (R) is not the correct explanation.	(A) is true, but (R) is wrong.	Both (A) and (R) are wrong.	optiona
Prolonged exposure to high levels of noise causes -	Hearing loss	Constriction of blood vessels	Gastric ulcers	All of the above	optiond

Baba Amte was the leader of	Appiko Movement	Chipko Movement	Narmada Bachao Andolan	Tehri Dam Movement	optionc
The sequence of fossil fuels in the order of higher to lower heating value is as follows:	Coal, Petroleum, Natural Gas, Hydrogen.	Hydrogen, Natural Gas, Petroleum, Coal.	Hydrogen, Coal, Natural Gas, Petroleum.	Natural Gas, Petroleum, Coal, Hydrogen.	optionb
Which one of the following is not an energy recovery method of solid waste management?	Pelletisation	Biomethanation	Pyrolysis	Composting	optiond
Which statement is not correct for hazardous wastes?	They contain one or more of 39 toxic compounds	They catch fire easily	They are nonreactive and stable	They are capable of corroding metal containers	optionc
Assertion (A): The ecosystem surrounding a river gets damaged due to construction of a dam. Reason (R): The area gets inundated with large volume of water.	Both (A) and (R) are true and (R) is the correct explanation of A.	Both (A) and (R) are true but (R) is not the correct explanation of A.	(A) is true, but (R) is wrong.	Both (A) and (R) are wrong.	optionb
Coal mining areas are prone to--	Land subsidence	Fire hazard	Air pollution	All of the above	optiond
Which one of the following is a non-formal environment education and awareness programme?	Environmental appreciation courses.	National Environment Awareness Campaign.	Environmental Education in school system.	Environmental Management Business Studies.	optionb
Assertion (A): Natural gas is a very attractive eco friendly fuel. Reason (R): It produces few pollutants and less carbon dioxide per unit energy than any other fossil fuel on combustion.	Both A and R are true and R is the correct explanation of A.	Both A and R are true but R is not the correct explanation of A.	A is true but R is false.	Both (A) and (R) are wrong.	optiona
Identify the negative consequences of urban growth -	Increase in vehicular pollution	Increase in industrial emission	Increase in solid and liquid waste generation	All of the above	optiond

Identify the consequences of urbanisation -	Physical expansion of the city	Scarcity of utilities	Increase in municipal waste	All of the above	optiond
What is the concept which emphasizes that an environment can support number of individuals for a prolonged period of time?	Population Density	Maximum growth rate	Biotic potential	Carrying capacity	optiond
Which of the following best explains a sustainable society?	Meets the needs and aspirations of the present without compromising those of the future.	It is inconsistent with the goals of environmentalism.	It continues as always and assumes that things will work out for the best.	Curtails all further development.	optiona
Which of the following migration streams is more problematic in India?	Rural to Rural	Urban to Rural	Urban to Urban	Rural to Urban	optiond
Which among the following is not a characteristic of slums?	Environmental health hazards	Generation of deviant behaviour	Conducive environment for educating children	Breeding ground for political radicalism and violence	optionc
What does it mean to reduce?	Use something over and over again.	Use less of something , creating smaller amounts of waste.	Make something into something new.	Make something ugly into something beautiful.	optionb
What does it mean to reuse?	Cleaning up a mess.	Use less of something , creating smaller amounts of waste.	Use something over and over again.	Make something ugly into something beautiful.	optionc
What does it mean to recycle?	Make something into something new.	Use less of something , creating smaller amounts of waste.	Make something that can clean your room.	None of the above	optiona

Which of the following is bad for the environment?	Recycling	Littering	Reducing	Reusing	optionb
Re-processing material to make another product -	Reduce	Reuse	Recycle	All of the above	optionc
Most recycling focuses on four major categories of products. Which one of these is NOT one of them?	Paper	Glass	Plastic	Chemicals	optiond
The following is an example of reducing:	using plastic bags as small garbage bags.	using less water when you shower.	bringing newspapers to a recycling center.	All of the above	optionb
The following is an example of reusing:	bringing cans back to a recycling center.	using less water when you brush your teeth.	using fewer napkins when you eat.	washing zip top bags after use so they can be used again.	optiond
When you buy rechargeable batteries you help?	Recycling	Reuse	Reducing	All of the above	optionc
Which of the following is called "Energy Bank" because of the energy saved in recycling?	Aluminum	Paper	Glass	Tires	optiona
How many trees will be saved by recycling 1 ton of paper?	1	7	17	70	optionc
Glass can be recycled without alteration -	Once	Twice	5 to 10 times	again and again	optiond
Which type of plastic is more friendly to the environment?	PVC	HDPE	PS	PET	optiond
Which one of the following takes the most to dissolve in nature?	Plastic Bottle	Glass bottle	Paper	Cotton cloth	optionb
The recycling label has -	One arrow	Two arrow	Three arrow	A tree	optionc
Which of the following can be recycled?	Paper	Glass	Organic waste	All of the above	optiond
What is the advantage of driving an electric car?	It is easier to steer.	It can go faster.	It causes less pollution.	It costs less than other cars.	optionc
How can we reduce our need for fossil fuels?	Burn more wood.	Burn more gasoline	Develop alternative energy sources and use them	We can't reduce our need for fossil fuels. It's impossible.	optionc
How can people reduce pollution?	Burn lots of wood in your fireplace.	Practice conservation.	Burn all of the leaves that fall off of our trees.	Put our waste water in a river so it gets washed	optionb

				away.	
The term Municipal Solid Waste (MSW) is generally used to describe:	Mining wastes	Wastes from industrial processes, construction and demolition debris.	Wastes from Private homes, commercial establishments and institutions.	Agricultural wastes	optionc
Problem of solid waste disposal can be reduced through	Recycling	Lesser pollution	Population control	More timber	optiona
AQI stands for _____	Air Quality Information	Atmosphere Quality Information	Atmospheric Quality Index	Air Quality Index	optiond
The index for good air quality is _____	0-50	51-100	101-150	151-200	optiona
If AQI is in the range 201-300 then the quality of the air is _____	Good	Moderate	Poor	Very Poor	optionc
_____ is an air pollutant which is present in vehicular emissions.	Ozone	Carbon Monoxide	Carbon Dioxide	Sulphur dioxide	optionb
PUC for vehicles stands for _____	Pollution Under Control	Pollution Under Check	Pollution Upto Control	Pollution Upto Check	optiona
PUC certificate for a vehicle means that which of the following pollutants are within permissible limits	NO2 and CO2	CO and HC	SO2 and CO	None of the above	optionb
PM2.5 affects _____	Liver	Lungs	Brain	Stomach	optionb
Select the correct option a) Methane is not a greenhouse gas. b) CO2 is a greenhouse gas.	a and b are both true.	a is true and b is false.	a is false and b is true.	a and b are both false.	optionc
Effects of air pollution are	Smog	Acid Rain	Haze	All of the above	optiond
Air pollutants are in the form of _____	Solid particles	Liquid droplets	Both	None	optionc
The yellowing of Taj Mahal is due to	Ageing	Air Pollution	Water Pollution	None of the above	optionb
Aerosols cause _____	Air Pollution	Land Pollution	Water Pollution	None of the above	optiona
_____ converts toxic gases and air pollutants in exhaust to less toxic pollutants	Pollution converter	Exhaust converter	Catalytic converter	Gas converter	optionc

_____is not an exhaust gas.	CO	NO2	N2O	CO2	optionc
Largest contributors of air pollution are -	Cars and trucks	Household products	Industries	None of the above	optiona
Natural causes of air pollution are	Forest fires	Volcanoes	Dust storms	All of these	optiond
Ozone layer in the stratosphere can be destroyed by _____	CFCs	Greenhouse gases	Both	None	optionc
Industry is _____source of air pollution.	Point	Line	Area	None of the above	optiona
Ozone layer is responsible for protecting the earth from _____ of the sun.	X-rays	Ultraviolet rays	Infrared rays	Gamma rays	optionb
Global warming is caused due to	Greenhouse gases	Exhaust gases	VOCs	None of the above	optiona
Indoor air pollution is caused due to	Disinfectants	Paints	Air fresheners	All of the above	optiond
_____is a primary air pollutant.	CO	Smog	Ozone	None of the above	optiona
_____is a secondary air pollutant.	Oxides of sulphur	Smog	VOCs	Oxides of nitrogen	optionb
_____is not caused due to air pollution	Asthma	Lung cancer	Cholera	None of the above	optionc
VOC stands for	Volatile Organic Components	Volcanic Organic Compounds	Volcanic Organic Compounds	Volatile Organic Compounds	optiond
Which of these is not air pollution control equipment?	Cyclone separators	Electrostatic Separator	Fabric Filters	None of these	optiond
Air Pollution can be controlled by -	Planting trees	Regularly servicing vehicles	Both	None	optionc
What does the following picture represent?	Air pollution	Land Pollution	Water Pollution	None of the above	optiona
Types of solid waste include	Garbage	Refuse	Sludge	All of the above	optiond
Dairy farming, livestock breeding and horticulture lead to what kind of waste?	Domestic	Market	Agricultural	Commercial	optionc
Hazardous wastes are _____	Reactive	Corrosive	Both	None	optionc
Biomedical wastes include	Used syringes	Bandages	Tissues	All of these	optiond
Global warming also refers to as -	Climate change	Ecological change	Atmosphere change	None of the above	optiona

Global warming is observed century-scale rise in the _____ of the Earth's climate system	Maximum temperature	Minimum temperature	Average temperature	Temperature	optionc
The process by which fertile land becomes desert is classified as -	flood	drought	desertification	endangering	optionc
Which of the following activities contributes the most to carbon emissions globally?	Agriculture	Transport	Forestry	Energy supply	optiond
Who does measure the global warming rate?	Astrologers	Philosopher	Physicist	Climatologist	optiond
Which one of the following result takes place due to global warming?	Maintaining steady temperature	Changes in the rainfall	Pleasant environment	Causing less pollution	optionb
What is the main reason for melting of ice sheets?	Decrease in carbon dioxide content	Global warming	Increase in the oxygen content	Noise pollution	optionb
Apart from printing papers and consuming electricity, computers are causing environmental problems by _____	Causing water pollution	Making people lazy	Electronic wastes	Causing noise pollution	optionc
What is the main cause of industrial pollution?	Planned industrial growth	Use of modern technologies	Lack of polices to control pollution	Efficient waste disposal	optionc
What is the term used for the use of resources for industrialization?	Pollution	Extraction	Urbanization	Waste material	optionb
What is the main cause of increase in air pollution in the 20th century?	Development of electricity	Development of infrastructures	Development of the transport system	Development of water resources	optionc
How does asthma cause to human beings?	Because of air pollution	Because of water pollution	Because of excessive diet	Because of soil pollution	optiona
Organic agriculture advocates avoiding the use of _____	Organic manure	Stored water	Modern technologies in harvesting	Chemical fertilizers	optiond
Identify the image -	beautiful earth	Green earth	Recycle	None of the above	optionc

What is correct inference from the figure?	The earth is green	The image is very beautiful	We should make use of wind energy	All of the above	optionc
The image shows _____	Art	Desert	Land	Pollution	optionb
The meaning of the image is -	We should use all the green things.	We should plant the trees.	Green colour saves the planet.	All of the above	optionb
Identify the image -	Nuclear bomb blast	Sky at the evening	Satellite launching	None of the above	optiona
The image shows -	Earth life cycle	Effects of Green house gases	Biodiversity	Nature present on earth	optionb
The figure shows -	Nuclear radiation	Wheel of automobile	Accident	None of the above	optiona
What is the reason for this situation.	Heavy rain	Global warming	Summer season	None of the above	optionb
The image shows -	Flood	Pleasant sea	tsunamis	None of the above	optionc
The reason of damage is -	Tsunami	Earthquake	Both A and B	None of the above	optionc
_____is not a special waste.	Industrial	Biomedical	E-waste	Domestic	optiond
The given symbol indicates	Biohazard	E-hazard	Flammable material	3R principle	optiona
Reactive, flammable, corrosive and toxic are characteristics of _____waste.	Non-hazardous	Domestic	Hazardous	All of the above	optionc
DDT is what type of waste?	Non-hazardous	Industrial	Hazardous	None of the above	optionc
_____characteristic of waste is essential in determining the ability of any treatment process.	Physical	Chemical	Biological	None of these	optionb
_____includes discarded electrical and electronic devices like computers, mobile phones etc.	E-waste	C-waste	M-waste	None of these	optiona
_____is not a source of solid waste.	Fallen leaves	Street sweepings	Repairs in houses	None of the above	optiond
During inversion	Temperature increases with altitude	Temperature decreases	Temperature remains constant	None of these	optiona

		with altitude			
Which of the following on inhalation dissolved in blood haemoglobin more rapidly than oxygen?	Sulphur dioxide	Carbon monoxide	Ozone	Nitros oxide	optionb
Smog is	solid waste	a combination of smoke and fog	colourless	All of these	optionb
Which of the following are likely to be present in a photochemical smog?	Sulphur dioxide	Sulphur	CFC	Ozone	optiond
Which of the following devices is suitable for the removal of gaseous pollutants?	clarifier mechanisam	Aerators	Filter	Wet scrubber	optiond
Which of the following air pollution control devices is suitable for removing the finest dust from air?	Clarifier	Electrostatic precipitator	Flash Mixer	none of above	optionb
Air pollution from automobiles can be controlled by fitting _____	Cyclone separator	Electrostatic precipitator	Catalytic convertor	Wet scrubber	optionc
Taj Mahal in Agra may be damaged by _____	Sulphur dioxide	Chlorine	Hydrogen	Oxygen	optiona
Gas leaked in Bhopal tragedy was _____	Methyl isocyanate	Potassium isothiocyanate	Ethyl isocyanate	Sodium isothiocyanate	optiona
What is BOD?	A measure of organic matter present in water	Usually less than COD	Biochemical oxygen demand	All of the above	optiond
Excess fluoride in drinking water is likely to cause _____	Blue baby syndrome	Fluorosis	Change in taste and odour	Intestinal irritation	optionb
Fluoride pollution mainly affects what part of the body?	Kidney	Brain	Teeth	Heart	optionc
Which of the following is a non-point source of water pollution?	Factories	Sewage treatment plants	Urban and suburban lands	All of these	optionc

Septic tank is	An aerobic attached growth treatment system	An aerobic suspended growth biological treatment system	An anaerobic attached growth biological treatment system	An anaerobic suspended growth treatment system	optiond
Disease caused by eating fish inhabiting mercury contaminated water is _____	Bright's disease	Hiroshima episode	Mina-mata disease	Osteosclerosis	optionc
Which of the following is not a marine pollutant?	Oil	Plastics	Dissolved oxygen	All of these	optionc
Which of the following best describes 'noise'?	Loud sound	Sounds of high frequency	Unwanted sound	Constant sound	optionc
Sound becomes hazardous noise pollution at decibel above ____	80	100	30	120	optiona
Which of the following is a biodegradable organic chemical/substance?	Plastics	Oils	Pesticides	Garbage	optiond
CO is	caused by ozone depletion	a major component of the atmosphere	extremely damaging to human blood	produced by plants during photosynthesis	optionc
Tropospheric ozone	protects earth from harmful UV radiation	binds with haemoglobin preventing binding with oxygen in RBCs	is a secondary pollutant	is caused by poor farming techniques	optionc
Lead enters the atmosphere as a particulate pollutant. This is a problem because it	is a precious metal and it is being lost in the atmosphere	will cause the ozone hole to increase	causes central nervous system malfunction in humans	causes eutrophication of waterways resulting in eutrophication	optionc
Photochemical fog differs from industrial smog in that it	is formed in the presence of sunlight	has large quantities of soot	consists of primary pollutants	is primarily composed of CO	optiona

Particulate matter dispersed as aerosols	included nitrogen oxides	may cause damage to respiratory tissues when inhaled	binds with haemoglobin preventing its binding to oxygen	interacts only with surface tissues of humans causing mild irritation	optionb
The most obvious cause of industrial smog is	burning trash	indoor air pollution	burning fossil fuels	generation of nuclear power	optionc
Air pollution can harm the health or comfort of which of the following?	plants	materials	humans and other animals	all of these	optiond
Everyone is affected by the quality of air. Which people are likely to be affected and become sick?	elderly people	asthmatics	people with respiratory diseases	all of these	optiond
Incomplete burning of petrol or diesel in vehicles creates _____ gas which is very poisonous.	Carbon dioxide	Carbon monoxide	Methane	Ozone	optionb
Which gas is primarily responsible for depletion of ozone layer around the earth?	Chlorofluorocarbons	Nitrogen	Oxygen	Nitrogen oxide	optiona
The diseases cholera, typhoid and jaundice are due to pollution of_____.	air	water	food items	solid waste	optionb
Which of the following is not a greenhouse gas?	Carbon dioxide	CFCs	Methane	Oxygen	optiond
Contamination of water with sewage is indicated by cysts of	leishmania	escherichia coli	pseudomonas	none of above	optionb
DDT is a _____	greenhouse gas	non-degradable pollutant	degradable pollutant	none of these	optionb
Domestic wastes which can be decomposed under natural processes are called _____ pollutants which are relatively harmless.	Industrial	Thermal	Biodegradable	Non-biodegradable	optionc
Eutrophication causes decrease in	dissolved hydrogen	dissolved salts	dissolved oxygen	all of these	optionc
E coli used as an indicator organism to determine pollution of water with	Industrial effluents	Heavy metals	Pollen of aquatic plants	Faecal matter	optiond
Eutrophication is often seen in	Fresh water lakes	Mountains	Deserts	none of above	optiona

Fish die in water polluted by sewage due to	Pathogens	Reduction in O ₂	Clogging of gills with silt	Foul smell	optionb
Which of the following pollution forms 'Heat island'?	Water	Land	Air	None of these	optionc
Global agreement in specific control strategies to reduce the release of ozone depleting substances was adopted by	The Vienna Convention	The Rio de Janeiro Conference	The Montreal Protocol	The Kyoto Protocol	optionc
Possible health effects of noise pollution include	hearing loss	hair loss	tinnitus	all of these	optiona
Prolonged exposure to any sound louder than ____ dB can cause hearing loss.	10	60	85	130	optionc
Peroxy-acetyl nitrate(PAN) is formed by the reaction of two primary pollutant, namely nitrogen oxide and ____ released from motor vehicle in the presence of sunlight.	hydro-neutron	hydro-carbon	water-carbons	SO ₂	optionb
The pollutants which are waste products and they are slowly degraded by microbial action are called as	biodegradable pollutants	non-biodegradable pollutants	artificial pollutants	none of these	optiona
In an ecosystem, which one shows one-way passage?	Nitrogen	Carbon	Potassium	Free energy	optiond
In terms of origin, pollution can be classified as natural and ____.	super-natural	sub-natural	anthropogenic	anti-anthropogenic	optionc
The man-made pollution, such as industrial pollution etc are called as	anthropogenic	anti-anthropogenic	semi-anthropogenic	natural	optiona
On the physical state, air pollutants are of two types, one is gaseous and other is ____.	particulate	semi-particulate	triparticulate	none of above	optiona
The smaller particles such as dust, smoke etc. which remain suspended for a long period in the air are ____.	Settleable particles	Suspended particles	Gaseous pollutants	Micro Pollutants	optionb
Cotton dust produce lung fibrosis is also called as ____.	Byssinosis	Silicosis	Siderosis	None of these	optiona
Air borne organic materials such as spores, pollen, bacteria, fungi cause several diseases and allergic reactions called as ____.	hay fever	TB	ronbix	altra-rix	optiona

BOD stands for	Biological Oxygen Demand	Biochemical Oxygen Demand	Biochemical Ozone Demand	Biological Oxygen Deficiency	optionb
Acid rain is formed due to contribution from the following pair of gases	Methane and ozone	Oxygen and nitrous oxide	Methane and sulphur dioxide	Carbon dioxide and sulphur dioxide	optionb
The most serious environmental effect posed by hazardous wastes is	air pollution	contamination of groundwater	increased use of land for landfills	destruction of habitats	optionb
Which of the following is not a consequence of global warming?	rising sea level	increased agricultural productivity worldwide	worsening health effects	increased storm frequency and intensity	optionb
The depletion of ozone layer is caused by?	nitrous oxide	carbon dioxide	chlorofluorocarbons	methane	optionc
The presence of high coli form in water indicates	contamination by human waste	phosphorous contamination	decreased BOD	hydrocarbon contamination	optiona
How does biological oxygen demand get affected with the increased presence of organic matter in water?	the oxygen demand increases	the oxygen demand decreases	the oxygen demand remains unchanged	none of these	optiona
The stage at which biological processes are used to purify water in a wastewater treatment plant is called	secondary sewage treatment	primary sewage treatment	wastewater reduction	biochemical reduction	optiona
BOD is represented as _____ per litre of water?	milligrams of carbon	micrograms of carbon	milligrams of oxygen	micrograms of oxygen	optionc
COD stands for	Chemical Oxygen Demand	Carbon Obtained Demand	Chemically Obtained Demand	Bio-Chemical Oxygen Demand	optiona
An accidental discharge of petroleum in oceans is called _____.	oil leak	oil spill	oil waste	oil loss	optionb
Water having DO content below _____ is considered to be highly polluted.	4.0 mg/L	8.0 mg/L	11.2 mg/L	0.1 mg/L	optiona
Water contaminated by cadmium	Itai itai	La la	Minamata	Sasu	optiona

can cause_____disease.					
Pesticides are also called as	supercides	biocides	nanocides	catcides	optionb
Increase in concentration of soluble salts in the soil is called _____.	soilification	soluble-soil	salination	desalination	optionc
The unit of sound level is_____.	noise-meter	decibel	dolphon	dub	optionb
The unit of sound loudness or level is _____.	noise-meter	decibel	dolphon	dub	optionb
Noise level beyond____dB can cause physical discomfort.	1120	50	120	200	optionc
The pollutants in air which appear in solid and liquid state are referred to as	Foam	Frame	Particulate pollutant	None of these	optionc
Objective of environmental education is -	Raise consciousness about environment education	To teach environmentally appropriate behaviour	Create an environmental ethics	All of the above	optiond
The diseases shown in the figure are due to -	Water Pollution	Air Pollution	Soil Pollution	All of the above	optiond
Which country has the highest incidence of pollution linked deaths in the world?	China	India	Bangladesh	Pakistan	optionb
Which initiative was launched by Union Minister for Environment, Forest and Climate Change for a Green Diwali?	Harit Diwali, Achha Diwali	Harit Diwali, Green Diwali	Harit Diwali, Sahi Diwali	Harit Diwali, Swasth Diwali	optiond
Which of the following heavy metals has the SC banned in the use of fire crackers, as they lead to air pollution?	Lithium	Mercury	Lead	All of the above	optiond
Normal human ear can detect sounds ranging between_____.	0-150 dB	0-140 dB	0-120 dB	0-100 dB	optionb
Noise is any_____sound.	excess	unwanted	both a & b	none of the above	optionb
Which of the following is a source of household noise?	mixer	loudspeaker	washing machine	all of these	optiond
The noise at construction sites is not due to which of the following?	vibrators	pneumatic hammers	pavement breakers	sirens	optiond
Noise pollution leads to a) hearing impairment b) increase in efficiency Which of the statement is true?	a is true and b is false	a is false and b is true	both are true	both are false	optiona

_____ is not an effect of noise pollution on the environment.	damage to buildings	poor quality of crops	both a and b	only a	optionc
Regular maintenance of vehicles results in	reducing noise pollution	increasing noise pollution	no effect on noise pollution	none of the above	optiona
Normal level of sound tolerance is_____.	60 dB	70 dB	80 dB	90 dB	optionc
The Noise Act 1996 states that the loud music from a party should either be turned off or reduced by___PM.	9	10	11	12	optionc
To prevent noise pollution _____ should be installed around hospitals.	high walls	low walls	sound barriers	none of the above	optionc
Which of the following is a subsurface source of water?	Rivers	Springs	Wells	Lakes	optionc
Cause of river pollution is _____.	sewage waste	domestic waste	industrial waste	all of these	optiond
The 3R principle does not include	reduce	recover	reuse	recycle	optionb
_____ is not a method of water conservation.	rainwater harvesting	construction of bunds	reusing greywater	using shower	optiond
The process to remove pathogens from water is called _____.	filtration	sedimentation	aeration	disinfection	optiond
Methods of disinfection are _____.	boiling	adding Potassium Permanganate	chlorination	all of the above	optiond
_____ is an advanced water treatment process.	Boiling	RO	Sedimentation	None of these	optionb
Which of the following is not a disinfectant?	Alum	Chlorine	Bleaching powder	None of these	optiona
_____ is known as the Water Man of India.	Anna Hazare	Sunderlal Bahuguna	Medha Patkar	Dr. Rajendra Singh	optiond
Village in Maharashtra which is famous for water conservation is _____.	Hiware Bazaar	Chandur Bazaar	Talegaon	None of the above	optiona
RO in water treatment stands for	Return Osmosis	Reverse Osmosis	Returning Officer	Reverse Officer	optionb
Groundwater recharging can be achieved by	recharging pits	recharging well	both	none	optionc

Desalination is a method of	converting waste water into potable water	converting rainwater into potable water	converting sea water into potable water	none of these	optionc
Hardness of water is due to the presence of_____of calcium and magnesium. a) chlorides b) sulphates c) carbonates	a and b	b and c	a and c	a, b and c	optiond
Nalgonda Technique is used to remove excess_____from water.	Salts	Chlorides	Fluorides	Sulphates	optionc
_____in landfills contaminates ground water.	Waste water	Toxic gases	Leachate	None of these	optionc
Which of the following is not an effect of solid waste?	Inversion	Fires in dumping grounds	Release of methane	None of these	optiona
Solid waste management techniques include	prevention	reuse	recovery	all of these	optiond
RDF stands for	Road Drainage Facility	Rain Drainage Facility	Refuse Derived Fuel	Refuse Discharge Facility	optionc
Methods for disposal of e-waste are	incineration	landfilling	both	none	optionc
Harmful components of e-waste include	copper	mercury	lead	all of these	optiond
Composting is a process of treatment of	solid waste	liquid waste	gaseous waste	none of these	optiona
Which of these is not a method of composting?	Bangalore method	Indore method	Bombay method	none of above	optionc
The most favoured method of solid waste management is _____.	Recycle	Reuse	Prevention	Disposal	optionc
The least favoured method of solid waste management is _____.	Recycle	Reuse	Recovery	Disposal	optiond
Landfilling is suitable for which of the following wastes?	Mixed waste	Garden waste	Liquid waste	Food waste	optiona
Which of the following wastes is not suitable for landfilling?	mixed waste	rejects from waste processing sites	non-hazardous non recyclable waste	dry recyclables	optiond

Needles, syringes, intravenous sets are components of	domestic waste	biomedical waste	e-waste	agricultural waste	optionb
Which of these is not an essential component of sanitary landfill?	Liner	Leachate control facility	Gas collection facility	Water treatment facility	optiond
Components of e-waste that can be recycled are	Copper wires	Hard drive	CPUs	All of these	optiond
Landfilling is a method of _____ of solid waste.	Recovery	Reuse	Disposal	None of these	optionc
As per MPCB norms of treated sewage, the total suspended solids(TSS) in treated sewage should be less than_____for discharging into surface water.	50 mg/l	100 mg/l	150 mg/l	200 mg/l	optionb
As per noise standards, the noise level for hospitals is_____.	20-30 dB	30-40 dB	40-50 dB	50-60 dB	optionb
The quantity of fluorides in drinking water should not be more than_____ppm	1	2	1.5	2.5	optionc
Waste water coming out of the bathroom and kitchen which does not have foul smell is called _____.	sewage	sullage	refuse	water	optionb
Wastewater is carried to treatment plants through	open drains	sewers	canals	none of above	optionb
Open drains _____	are aesthetically unpleasant	lead to mosquito breeding	cause bad smell	all the above	optiond
Untreated sewage can cause diseases like	diarrhoea	measles	hay fever	none of the above	optiona
Sewage is mainly_____.	biodegradable	non-biodegradable	toxic	all of the above	optiona
Mixing of sewage with drinking water source causes_____.	reduction in dissolved oxygen	death of aquatic animals	contamination of water source	all of the above	optiond
CPCB stands for	Control Pollution Causing Board	Central Pollution Collection Board	Central Pollution Control Board	Control Pollution and Conservation Board	optionc
As per potable water standards, the pH of drinking water lies in the range	6-8.5	6 - 7.5	6.5 - 8.5	7 - 8.5	optionc

The presence of substance in the environment which has harmful or poisonous effect is called	biodiversity	pollution	ecological balance	none of these	optionb
_____is not an effect of pollution.	environmental degradation	health problems in humans	increased agricultural yield	global warming	optionc
____is not a type of pollution.	Soil pollution	Wastewater pollution	Air pollution	Noise pollution	optionb
Use of fossil fuels leads to _____ pollution	air	water	thermal	noise	optiona
Pollution causes_____.	loss of fertile soil	loss of human lives	loss of marine lives	all of the above	optiond
Anthropogenic source of pollution is	acid rain	use of chemical fertiliser	earthquakes	all of these	optionb
Primary treatment of sewage includes_____.	removal of grit, soil particles and floating particles	removal of oils	both	none	optionc
Secondary treatment of sewage includes	removal of grit and floating matter	biological treatment of sewage	scrrening of sewage	none of the above	optionb
Design of a sewage treatment plant is mainly dependent upon	density of sewage	temperature of sewage	BOD of sewage	mass of sewage	optionc
The treated waste water which is normally disposed into water bodies is called_____.	sludge	effluent	influent	graywater	optionb
_____anaerobically treats sewage at the place where it is located.	STP	WTP	Septic tanks	None of these	optionc
The effluent from sewage treatment plants can be reused for_____.	washing cars	watering lawn	flushing	all of these	optiond
_____is not a cause of land pollution.	Pesticides	Waste disposal on land	Deforestation	None of the above	optiond
Which of the following is an effect of excessive use of pesticides?	loss of soil fertility	erosion	both	none	optiona
One major cause of soil	heavy rain	acid rain	alkali rain	none of these	optionb

pollution is_____.					
Introduction of dangerous chemicals into the ground is due to	industrial waste disposal	domestic waste disposal on land	overwatering	none of these	optiona
Dumping of solid waste leads to _____pollution.	soil	water	both	none	optionc
Which of these can prevent soil pollution?	reforesting	applying bio-fertilisers and manures	solid waste treatment	all of these	optiond
Soil pollution can lead to_____.	reduced soil fertility	increased crop yield	reduction in erosion	increased nitrogen fixation	optiona
____is a natural source of soil pollution.	acid rain	constructi on activity	excessive use of pesticides	none of these	optiona
The study of interaction between the living species and the environment is called	Biology	Antology	Ecology	Zoology	optionc
The interdependence of the living organisms among themselves and with the environment is called	Ecology	Ecosystem	Biology	Antology	optionb
Ecosystem consist of	Biotic components only	Only abiotic componen t	Both biotic and abiotic components	None of the above	optionc
The quantity of abiotic material present in an ecosystem is known as	Concentration	Standing scale	Non-living stage	None of the above	optionb
The names of major habitats present in the biosphere are	Freshwater and terrestrial ecosystem	Marine and man-engineere d ecosystem	All of the above	None of the above	optionc
Man engineered ecosystem consist of _____	Desert and forest ecosystem	Grassland and tree	Agriculture and aquaculture ecosystem	All of the above	optionc
The sequence of organisms which feed on one another for their survival is known as	Passage of nutrients from one organism to other	Food chain	Trophic level	Biodiversity	optionb

The food chain in the ecosystem helps to maintain	The feeding relationship in nature, thus biodiversity	Flow of energy in the ecosystem	Passage of nutrients in the ecosystem	All of the above	optiond
The phenomenon of accumulation of non-biodegradable contaminants in higher trophic level is known as	Bioprospecting	Bio magnification	Bio piracy	Bioremediation	optionb
The dissipation of energy during its transmission from one trophic level to another is in agreement with	First law of thermodynamic	Second law of thermodynamic	Third law of thermodynamic	None of the above	optionb
Which of the following statement is not correct?	Flow of energy in an ecosystem is unidirectional, from herbivores to carnivores	In a food chain, transfer of materials take place through cycling	Top carnivores always get more energy than organisms present nearer to the producer	Unidirectional flow of energy presents the ecosystem from collapsing	optionc
The science of systems of control in an ecosystem is known as	Syncology	Cybernetics	Biocoenoses	None of the above	optionb
The importance of ecosystem lies in	Transfer of food	Flow of energy	Cycling of materials	Both b and c	optiond
The graphical representation of an organism position as well as function at successive trophic levels is called	Food chain	Food web	Ecological pyramid	Biogeochemical cycle	optionc
The cyclization of matter through the atmosphere, hydrosphere, biosphere and lithosphere is known as	Food web	Material cycling	Biogeochemical cycle	Bio magnification	optionc
In case of parasitic food chain, the shape of the pyramid of number is always	Upright	Linear	Inverted	Not certain	optionc
The shape of the pyramid of biomass for a pond or any aquatic ecosystem is	Inverted	Upright	Linear	Not certain	optiona
The graphical representation of the interrelation of producer and consumer in an ecosystem is termed as	Ecological niche	Ecological pyramid	Trophic levels	Food web	optionb

The main source of energy in an ecosystem is	Sugar store in plants	Solar energy	Heat released during transpiration	Heat released during fermentation	optionb
A food chain consists of	Producers, consumers, decomposers	Producers, carnivores, decomposers	Primary producer, herbivores, carnivores	Producers, primary consumers, carnivores	optiona
Upper part of the sea aquatic ecosystem contains	Plankton	Nekton	Benthos	Plankton and Nekton	optiona
In the Nitrogen cycle, the transformation of gaseous nitrogen into nitrogen-containing compounds is preformed primarily by	Fungi	Bacteria	Green plants	Herbivores	optionb
During the growth of a Tomato plant from a seed, it increases considerably in biomass. Which of the following materials, obtained from the environment, are necessary for the growth and increase in biomass?	Carbon dioxide and water	Carbon dioxide oxygen and nitrogen	Water, nitrate and methane	Water, Carbon dioxide and mineral salts	optiond
Nitrogen gas returns to the atmosphere by the action of	Nitrogen fixing bacteria	Denitrifying bacteria	Nitrifying bacteria	Nitrate fertilisers	optionb
Which one of the following is not a functional unit of an ecosystem?	Productivity	Stratification	Energy flow	Decomposition	optionb
When the two ecosystems overlap each other. The area is called	Habitat	Niche	Ecotone	Ecotype	optionc
Which one of the following animals may occupy more than one trophic levels in the same ecosystem at the same time?	Goat	Frog	Sparrow	Lion	optionc
Which of the following is a possible producer in an ecosystem?	Plants and some bacteria capable of producing their own food	Animals	Human beings	Fish	optiona

Which of the following statement is not true?	In an ecosystem, sustained development(evolution) is facilitated by a close physical proximity and functional machining between the producers and the consumers	In the antroposys tem, there is usually a significant physical displacem ent between the producer and the consumer.	In an ecosystem most of the materials are transfer from the producers to the recyclers and only a small fraction is passed through the consumers to the recyclers	In the anthroposystem the flow of material from the producers directly to the recyclers is a major proportion	optiond
Which of the following is not a problem associated with agroecosystems?	Creating a situation ideal for diseases and insect pests.	Lack of inorganic nutrient recycling.	Increased water and energy consumption.	Increased dependence on relatively few varieties of plants for food.	optionc
Which of the following statement is not true?	Reservoirs are those parts of the biogeochemical cycles where a chemical is held in large quantities for long periods of time.	In exchange pools the chemicals are held for only a short time.	The inorganic chemicals get recycled through both the biological and geographical world.	Cloud is a reservoir of water.	optiond
The concentration of carbon in living matter is almost 100 times greater than its concentration in earth because	Carbon is produced by the living cells.	Living thing extract carbon from their non-living environme nt.	Carbon is biomagnified in living cells.	Carbon cannot be recycled.	optionb
The largest reservoir of nitrogen in our planet is	Oceans	Atmosphe re	Biosphere	Fossil fuels	optionb

What is mycorrhizae?	Symbiotic relationship between plants	Mutualistic associations between plant roots and fungi.	A useful bacteria carbon cycle.	Useful bacteria in phosphorus cycle.	optionb
Which of the following are major players in phosphorus cycle?	Human beings and fish	Human beings and marine birds.	Fish and marine birds.	Animal and fish.	optionb
Eutrophication is	An improved water quality status of lakes.	The result of accumulation of plant nutrients and minerals in water bodies.	A process in the carbon cycles.	A water purification technique.	optionb
Which of the following terminologies is not associated with the vertical structure of forest?	Canopy	Understory	Forest floor	First floor	optiond
Most fertile and productive soils in the world have developed under grassland. What could be the reason for this?	The rainfall in grassland is inadequate and hence excessive leaching of minerals is blocked.	The humus and partially decomposed organic materials expand its capability to retain water.	Both a and b.	None of the above.	optionc
An _____ Consists of Biotic and Abiotic components	Environment	Ecosystem	Ecology	None of the above	optionb
Community of living organism is a part of an	Environment	Universe	Ecosystem	None of the above	optionc
Non-living organism is a part of an _____	Ecosystem	Ecology	Environment	None of the above	optiona
Biotic and Abiotic components are linked through _____	Energy Flow	Nutrient Cycle	(a) and (b) Both	None of the above	optionc

Energy flow in Ecosystem links _____ and _____ together.	Biotic and Abiotic components	Organisms and plants	Fruits and Flowers	None of the above	optiona
Nutrient cycle plays an important role in _____ together biotic and abiotic components.	Combining	Linking	differentiating	None of the above	optionb
Ecosystem can be of any _____.	Size	Shape	field	None of the above	optiona
Energy flow involves in all _____ to play a role	Components	Trees	Animals	None of the above	optiona
Ecosystem consists of components which play role as _____ consumer.	Primary only	Secondary only	All-primary/secondary/tertiary	None of the above	optionc
Biotic and Abiotic components in Ecosystem interact _____ with each other.	Occasionally	Continually	Rarely	None of the above	optionb
The dead organic matter from living organisms is part of _____.	Soil	Environment	Ecosystems	None of the above	optionc
_____ Organisms can exchange between soil and water.	Dead	Living	Both a & b	None of the above	optionb
Ecosystem are of _____ and _____ types.	Aquatic and terrestrial	Living and Non-living	Clean and Unclean	None of the above	optiona
Coral reef is an Example of _____ type of Ecosystem.	Terrestrial	Aquatic	Organic	None of the above	optiona
Tundra is an example of _____ type Ecosystem.	Marine	Terrestrial	Microbiological	None of the above	optionb
The essential components of Ecosystem is ,	Energy Source	Biotic and abiotic components	(a) and (b) Both	None of the above	optionc
Biotic and Abiotic Components involve	Biochemical Composition	Biochemical cycling	Biochemical Balances	None of the above	optionb
_____ Chain involves Energy transformation	Food	Reactions	Cyclisation	None of the above	optiona
_____ Chain and _____ web involves energy transformation.	Food, Food	Producer, Consumer	Producer, Food	None of the above	optiona
All ecosystem involves _____ transformations.	Ecology	Energy	Cycle	None of the above	optionb
All Ecosystem involves _____ cycling.	Biological	Geological	Biogeochemical	Chemical	optionc

Biogeochemical cycling links _____ and _____ components in Ecosystem.	Plants and Animals	Living and Non-living	Organic and Inorganic	None of the above	optionb
_____ eats plants and its products.	Carnivores	Herbivores	Omnivores	None of the above	optionb
_____ survive on herbivores.	Plants	Carnivores	Aquatic	None of the above	optionb
Those which consumes dead plant and animal material.	Detritivores	Carnivores	Herbivores	None of the above	optiona
Detritivores, Carnivores and Herbivores are part of	Food chain	World	Ecosystem	None of the above	optiona
Energy flows from _____ to _____ trophic level.	Bottom, Top	Top, Bottom	Earth, Moon	None of the above	optiona
Amount of Energy _____ from Bottom to Top trophic level.	Increases	Decreases	Remain same	None of the above	optionb
In food chain, Grass hopper is _____ consumer.	Primary	Secondary	Tertiary	None of the above	optiona
Snake is _____ consumer in food chain.	Secondary	Tertiary	Primary	None of the above	optiona
In the presence of Sun and water _____ Produces Food.	Decomposer	Producer	Consumer	None of the above	optionb
Fungi act as _____ in food chain.	Decomposer	Producer	Consumer	None of the above	optiona
Decomposer Helps to send _____ to Producers.	Components	Nutrients	Constituents	None of the above	optionb
Grass is categorized as _____ in grazer food chain.	Plant	Producer	Vegetable	None of the above	optionb
Hawk act as _____ consumer grazer food chain.	Primary	Secondary	Tertiary	None of the above	optionc
_____ and _____ are types of food chains.	Grazer, Detritus	Natural, Synthetic	Organic, Inorganic	None of the above	optiona
In _____ Food chain, Dead organic matter is serves as principal energy input.	Detritus	Flowing	Original	None of the above	optiona
Any food chain has no more than _____ Links.	4 to 5	3	3 to 4	None of the above	optiona
The interconnected food chains form _____.	Ecosystem	Environment	Food Web	None of the above	optionc
Food webs are very _____.	Simple	Small	Complicated	None of the above	optionc
Most animals are part of _____ food chain.	One	Two	Three	None of the above	optiona
Any food web indicates that _____ is connected to _____ else.	Everything, Everything	Nothing, Everything	Everything, Nothing	None of the above	optiona

Ecological pyramid is a _____ representation.	Geological	Pyramidal	Graphical	None of the above	optionc
Ecological Pyramid shows _____ productivity.	Biome	Biomass	Organic	None of the above	optionb
Tertiary consumers are shown at _____ of Ecological pyramid.	Base	Top	Corner	None of the above	optionb
Ecological pyramid is _____ in shape.	Circular	Triangular	Oval	None of the above	optionb
Ecological pyramid Consists of _____ and _____ in sequence.	Plants, Animals	Producers, Consumers	Consumers, Producers	None of the above	optionb
Productivity pyramid shows flow of _____ in food chain.	Production	Turnover	Energy	None of the above	optionc
Productivity is expressed as _____ units.	Grams per meter ² per year	Calories per meter ² per year	Both a & b	None of the above	optionc
In all Ecological pyramid, producers are always at _____.	Centre	Bottom	Top	None of the above	optionb
_____ % energy is lost to environment in pyramid of energy flow.	25	10	10 to 25	None of the above	optionb
In _____ pyramid each step as 10 % size of previous step.	Productivity	Ecological	Biomass	None of the above	optionc
Pyramid of numbers is Graphical representation of _____ of each level in food chain.	Production	Population	Consumer	None of the above	optionb
The _____ itself is a major Ecosystem.	Air	Sun	Earth	None of the above	optionc
Island is an Example of _____ Ecosystem.	River	Earth	Ocean	None of the above	optionc
Forests are part of _____ Ecosystem.	Tropical	Terrestrial	Marine	None of the above	optionb
Regional Ecosystem governed by temperature and other atmospheric parameters are known as	Biomass	Biome	Biotic	None of the above	optionb
Grass lands have _____ and _____ grasses.	Thick, Thin	Dense, Tall	Dense, Thick	None of the above	optionb
In coniferous forests _____ are long and cold.	Stones	Winter	Seasons	None of the above	optionb
In Deciduous Forests _____ are warm.	Summer	All seasons	No seasons	None of the above	optiona
Short, Strong, Leafless, thorny plants are _____.	Cacti	Berry	Legumes	None of the above	optiona

Chaparral biome are found in _____.	Austria	Australia	South Africa	None of the above	optionc
Land is always snow covered in _____.	Tundra	Forest	Tropical	None of the above	optiona
Biome above 10000 feet is _____.	Tundra	Taiga	Alpine	None of the above	optionc
Biome just below Himalayan mountain is _____.	Alpine	Wet Lands	Taiga	None of the above	optiona
Alpine has summer from _____ to _____.	March, May	June, September	April, June	None of the above	optionb
In Alpine October to May is _____ Season.	Monsoon	Winter	Summer	None of the above	optionb
In Alpine animals are _____ in height.	Normal	Short	Average	None of the above	optionb
In Alpine, animals have _____ legs.	Long	Short	Bent	None of the above	optionb
In Alpine animals have Large lungs, to survive _____ altitude and _____ O2 content.	High, Low	Low, High	High, High	None of the above	optiona
In Alpine, animals have _____ Blood vessels to store more _____.	More, haemoglobin	Large, Blood	Thick, O2	None of the above	optiona
In Alpine, _____ also have adaptations as animals.	Plants	Humans	Aquatic	None of the above	optionb
Just like in Alpine, in _____ also have adaptations of Lungs.	Nepal	Canada	India	None of the above	optiona
People in Nepal/ Tibet is called as _____.	Sherapas	Gorkha	Himalayan	None of the above	optiona
About _____ % area of earth is Oceans.	75	40	30	None of the above	optiona
Plants in/near water are _____.	Aquatic	Aquifers	Geodetic	None of the above	optiona
Aquatic plants prepare food by _____.	Metabolism	Photosynt hesis	Photolysis	None of the above	optionb
Access of O2 is more in _____ Ocean water.	Deep	Shallow	Entire	None of the above	optionb
Photosynthesis does not take place in _____ ocean water.	Deep	Shallow	Both above	None of the above	optiona
Due to absence of photosynthesis, deep Ocean is rich in _____.	Minerals	O2	Aquifers	None of the above	optiona
Minerals/Oils mainly occur in _____.	Deep Ocean	Shallow Ocean	Air	None of the above	optiona
Ocean Ecosystem gives _____.	Minerals/Oils/S alts	Only Minerals	Only Oils	None of the above	optiona

Study of relationship of organisms to their environment is	Ecology	Palaeontology	Geology	None of these	optiona
What is true of ecosystem?	Primary consumers are least dependent upon producers	Primary consumers equal in number as producers	Producers are more than primary consumers	Secondary consumers are the largest and most powerful	optionc
Greenhouse effect is warming due to	Infra-red rays reaching earth	Moisture layer in atmosphere	Increase in temperature due to increase in carbon dioxide Concentration of atmosphere	Ozone layer of atmosphere	optionc
Name of Gas released during Bhopal tragedy was	Methyl isocyanate	Potassium Isothiocyanate	Sodium Isothiocyanate	Ethyl Isothiocyanate	optiona
Soil water available to roots is	Surface water	Hygroscopic water	Gravitational water	Capillary water	optiond
Pyramid of numbers deals with number of_____	Species in area	Individuals in community	Individuals in a trophic level	Subspecies in community	optionc
The Taj Mahal is threatened due to the effect of	Oxygen	Hydrogen	Chlorine	Sulphur-dioxide	optiond
Which of the following is the most stable ecosystem?	mountain	ocean	forest	desert	optionb
Nature's hydrological cycle involves	Evaporation, condensation	Condensation, precipitation	Evaporation, precipitation	Evaporation, condensation and precipitation	optiond
Population of species decreasing over a period called as	Extinct	Eliminated	Endangered	Rare	optionc
The closely related morphologically similar identical populations, but reproductively isolated, are designated as	Clones	Sibling species	Clines	Denies	optionb
Which country has the greatest contribution for the hole formation in ozone layer?	Russia	Japan	USA	Germany	optionc

If there was no CO ₂ in earth's atmosphere, the temperature of earth's surface would be	Higher than the present	Dependent on the amount of oxygen in the atmosphere	Same as present	less than the present	optiond
In the grazing food chain first energy transfer is from _____.	Plant	Fish	Animals	Sun	optiona
Energy transfer from one trophic level to other, in a food chain is	10%	20%	1%	2%	optiona
The final stable community in ecological succession is	Climax	Sere	Pioneers	Carnivores	optiona
Which is the result of damage to relative biological effectiveness?	High temperature	Pollution	Radiation	Low temperature	optionb
The entire biosphere is distributed into following number of biogeographic regions:	Six	Eight	Nine	Twelve	optionb
Biodiversity hotspots are also known as	Evergreen forests of tropic region.	Biologically rich areas with large percentage in endemic species.	Desert area	All of the above.	optionb
Species with very limited distribution over relatively small locality is called	Endangered species	Extinct species.	Endemic species.	None of the above.	optionc
The major threats to biodiversity is due to	Habitat loss/degradation	Pollution and global climate changes	Extinction of species by aggressive non-native species	All of the above	optiond
Conservation of genetic resources in natural populations of plant or animal species is known as	In-situ conservation	Ex-situ conservation	Biodiversity conservation	None of the above	optiona
The concept of biodiversity hotspots is given by	F.P. Odum.	Norman Myers	James Lovelock	Rachel Carson	optionb
Which of the following is an endemic species found in western Ghats, India?	Marsh Mongoose	Indian Rhinoceros	Brown Palm civet	Flying Squirrel	optionc

Which of the following is not a world heritage site of India?	Sunderbans National Park.	Manas Wildlife Sanctuary.	Sanjay Gandhi National Park	Kaziranga National Park.	optionc
Which of the following is a Ramsar site in India?	Sambhar Lake	Dal Lake	Ansupa Lake	Dimna Lake	optiona
Which of the following is an in-situ tiger reserves in India?	Dudhwa	Gulf of Myanmar	Western Ghats	Agasthyamalai.	optiona
Which of the following is not a Biosphere reserve of India?	Sundarbans	Great Nicobar	Periyar national park	Khangchenzonga	optionc
Which of the following is a biodiversity hotspot in India?	Succulent karoo	Mediterranean basin	Caribbean Island	Eastern Himalayas	optiond
Which of the following animal is endemic to India?	Snow Leopard	Nilgiri Tahr	Asian Elephant	Red colobus monkey	optionb
The variety and numbers of living organisms and Ecosystems is called	Biodiversity	Biopiracy	Biogeography	Bioprospecting	optiona
Variations of genes within the same species is	Genetic diversity	Species diversity	Biodiversity	Ecosystem	optiona
Extinction of weaker species by an aggressive alien species is the result of	endemism of weaker species	habitat loss	the domino effect	All of the above	optionc
Which is not a zone of Biosphere?	Core zone	Buffer zone	Transition zone	None of the above	optiond
Which of the following is an in-situ conservation measures taken by India?	project elephant	project lion	project rhino	all of the above	optiona
Lion-Tailed Macaque is found in	western Ghats	Eastern Ghats	Caucasus	western Himalaya	optiona
The dodo was extinct due to	pollution	invasion of non-native species	over-exploitation of resources	global environmental change	optionb
Spot the site, which is not a biodiversity hotspot?	Brazil's Cerrado	Central Chile	California floristic province	Pakistan	optiond
The species with thin population localised within restricted area is said to be	rare	threatened	endangered	vulnerable	optiona
The reason for certain animals getting endangered are	hunting	pollution of environment	natural calamities	all of these	optiond

The red data book maintains a record of	plants and animals present in the whole world	relationship between man and biosphere	plants and animals which are known to be endangered	forest wealth in whole world	optionc
Planting trees in a deforested land is known as	afforestation	deforestation	silviculture	sericulture	optiona
In a national park protection is given to	the entire flora	the entire fauna	the plants and animals	the entire ecosystem	optiond
The endangered animal of the following is	crow	parrot	tiger	cock	optionc
The scientific study of the geographic distribution of plants and animals is called	Biodiversity	Biogeography	Ecology	Biology	optiona
The variation of life forms within an ecosystem or on earth is named as:	biome	biodiversity	biological variety	none of these	optionb
Which of the following is not a type of biodiversity?	genetic	species	biology	none of these	optionc
_____ is the number of species found in a particular area or ecosystem.	alpha biodiversity	delta biodiversity	species biodiversity	none of these	optiona
Measurement of overall diversity for different ecosystems within a region comes under which of the following levels?	alpha	beta	gamma	none of these	optionc
Which of the following are types of biodiversity?	consumptive and productive	only productive uses	only consumptive uses	none of the above	optiona
Several agricultural disaster occurs due to lack of biodiversity, Which of the following term is used to describe lack of biodiversity?	aquaculture	pollination	monoculture	none of the above	optionc
Irish potato famine is an agriculture disaster. In which year it had occurred?	1845	1981	1972	none of the above	optiona
US Southern corn leaf blight epidemic is an agricultural disaster of 1970. Which of following contribute as a major cause for it?	Biome	Bioculture	Monoculture	None of the above	optionc

Which of the following statement is correct for India?	India is a 7th largest country in world with megadiversity	India has no rank in world related to biodiversity	India is the third largest country in Asia with megadiversity	Option a & c	optiond
Which of the following is major biodiversity in West Bengal?	Deccan Penninsula-Chhota Nagpur	Deccan Peninsula-Deccan south	Deccan Peninsula-central highlands	none of the above	optiona
Which of the following has largest desert of India?	Kutchchh	West coast	Nico bars	none of the above	optiona
Which of the following is Islands?	Andaman and Nicobars	Lakshadweep	Majoli	All of the above	optiond
Which of the following are semi arid region?	Punjab, Gujarat, Rajputana	Malabar plains	Nicobars	none of the above	optiona
Himalayan region is divided into north west, west, central and east Himalayas. These are known as,	Biotic provinces	Mountain ranges	Abiotic regions	None of the above	optiona
Alpine zone of Himalaya lies very high and is full of particular types of trees. Which of the following is correct description for heights and types of tree.	12000+ft altitude, timber trees	5500-12000 ft altitude, Kailand Chir, deoder	5000 ft altitude, Shisham trees	None of the above	optiona
Ladakh mountains and Tibetan plateau are part of	Trans Himalaya region	Desert	Semi Arid	None of the above	optiona
Kuchch and thar comprise majority of	western Ghats	Himalaya n region	deserts	none of the above	optionc
Aravali mountain are covering states such as	Gujrat, M.P, Rajasthan	Ladakh mountain	Coastal region	None of the above	optiona
Which of the river plains extend up to Himalayan foot hills?	The gangetic plains	Punjab plains	Brahmaputra plain	None of the above	optiona
The north-east India comprise of	Himalayan hill range	Aravali hill range	Non Himalayan range	None of the above	optionc
Cheerapunji is situated in which of the following region in India?	The western ghats	The north-east ghats	The north India	None of the above	optionb
Which of the following place (s) receive maximum rainfall in India?	The north-east India	Non Himalaya n hills	Cheerapunji in the north-east India	None of the above	optionc

In which of the following Islands of Lakshadweep is situated?	Arabian sea	Bay of Bengal	Atlantic Ocean	none of the above	optiona
Which of the following animal comes under category of Critically endangered species	Sumatran Rhinos	Asiatic lion	Indian tiger	None of the above	optiona
Which of the following animal comes under category of Threatened species	Giant Panda	Mouse	Dog	None of the above	optiona
Uncontrolled hybridization of different species of animals/plants, Which of the following pollution it leads to	Genetic pollution	Homogenization	Genetic swamping	None of the above	optiona
Genetic pollution may be originated due to one of the following. Which of the following may be possible reason?	Uncontrolled hybridization	Unprofitability	Natural phenomenon	None of the above	optiona
Which of the following is considered to be major threat to global Biodiversity?	Genetically modified species	Global warming	Pollination	None of the above	optionb
The Global zoo Ecoregions is a system derived to conserve biodiversity. Which of the following has taken this initiative	The world wild-life fund	Africa	Latin America	World ecological fund	optiona
Which of the following acronym stands for and is preferred by Edward O. Wilson for threats to biodiversity Habitat(destruction), Invasive(species), pollution, population(explosion) and overharvesting.	HIPPO	HIPPUO	HINPPEIO	None of the above	optiona
Poaching of wild animals is very common. Which of following is main reason?	Animals killed for their organs	Animals are killed only for food	Animals are killed as they are overpopulated	None of the above	optiona
Conservation on International Trade in Endangered Species [CITES] and World Heritage Convention [WHC] was held in years:	1976 & 1977 respectively	1981 & 1985	1986 & 1991	2000 & 2011	optiona
The Hailey National park established in 1935 was renamed as,	Jim Corbett national park	Sundarban national park	Kanha national park	None of the above	optiona

The totality of genes, species and ecosystem of a region is called as	Bio-society	Bio-diversity	Bio-living	Bio-physics	optionb
Approximately----- % of the known species are insects.	31	21	11	61	optiond
science knows only----- species of mammals.	2100	2760	5450	1111	optionc
Thar in India is a _____	Desert	Sea	River	Muddy land	optiona
Chilka lake is in	Maharashtra	Bihar	Orissa	Uttar Pradesh	optionc
The evolution of new species is called as	Ciation	Mutation	Mitigation	Speciation	optiond
The number of species in ecological community is known as	Evenness	Equitability	Species richness	Speciation	optionc
The diversity within the community is involved in	Sigma diversity	Beta diversity	Gamma diversity	Alpha diversity	optiond
About -----% of the Indian landmass is occupied by Deccan Peninsula.	25	35	42	61	optionc
Morphin is a _____ use of biodiversity.	Chemical	Physical	Medicinal	Mechanical	optionc
Plant based synthetic product are called as	Botanochemical	Biochemical	Biodiochemical	Oxichemical	optiona
New species entering a geographical region are called as _____ species.	Exotic	Extic	Toxic	Exto exotic	optiona
Exotic species are called	Extra species	Modular species	Alien species	Modern species	optionc
WCMC stands for _____ and it is executing agency of UN government.	World conservation monitoring centre	Wild conservation monitoring centre	World control monitoring centre	World conservation management centre	optiona
The world's first national park is _____ which is located in USA	Yellow park	Yellow wildlife	Yellow stone	Yellow centre	optionc
The national park near Sydney is	Roger	Royal	Yellow stone	Sydney Harbour	optiond
The Jim Corbett National Park is near	Nainital	Delhi	Mumbai	Nagpur	optiona
First national park established in India is	Jawaharlal Nehru National Park	Salim Ali National Park	Dr. Bose National park	Jim Corbett National Park	optiond
Jim Corbett national park is in	Uttarakhand	Delhi	Hariyana	Panjab	optiona
Tadoba national park is in	Gujrat	Maharashtr	MP	UP	optionb

		ra			
At present, there are _____ biosphere reserve in India	3	24	20	13	optiond
The biosphere reserve consists of _____ zones.	1	2	3	4	optionc
The outermost part of the biosphere reserve is the	Core zone	Buffer zone	Transitional zone	Semi-buffer zone	optionc
Undisturbed and legally protected ecosystem comes under _____ of biosphere reserve.	Core zone	transition zone	Preserve zone	Buffer zone	optiona
_____ lake in Sikkim has been declared sacred by the people to save aquatic life from degradation	Khecheopalri	Dal	Nal	Zorich	optiona
Germplasm banks or gene banks are established for _____ conservation of biodiversity	In situ	Ex situ	Over situ	None of these	optionb
Storage of germplasm at ultra-low temperature is called _____	Cryopreservation	Preservation germ	Germ-pre	None of these	optiona
In cryopreservation storage of germ plasm at ultra-low temperature is preserved. That ultra-low temperature is	-196 degree Celsius in liquid nitrogen	196 degrees Celsius in liquid nitrogen	0 degree Celsius in liquid nitrogen	100 degrees Celsius in liquid nitrogen	optiona
The book list containing a record of threatened species is called as	Yellow data book	Red data book	Orange data book	Wild data book	optionb
Quinine the drug is use for treatment of _____ is an example of benefits of biodiversity	Bone T.B	Cancer	Cholera	Malaria	optiond
The name of largest flying bird of today is	California condor	Mangor bird	Eagle- sofara	Eagle- sky-sulfer	optiona
The edge effect _____ the amount of habitat typical to an ecosystem	Increases	Reduces	Keeps same	None of these	optiona
The historic convention on biological diversity held in rio de janerio in 1992 is known as	CITES convention	The earth summit	G -16 summit	MAB programme	optionb
The term Alpha diversity refer to	Genetic diversity	Community and ecosystem diversity	Species diversity	Diversity among the plants	optionc

The water vapour present in the unit volume of air is called :	Relative Humidity	Static Humidity	Absolute Humidity	Total Humidity	optionc
The plants which blooms when the light duration is more than 12 hours per day is known as :	Long day plants	Short day plants	Day neutral plant	Long day and short night plants	optiona