# **GPLUS EDUCATION**

Date	:	
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#### **ENVIRONMENTAL ISSUES**

	Single Correct Answer Type			
1.	Catalytic converters are fitted into automobiles to converters changes unburnt hydrocarbons into	reduce the emission of har	mful gases. Catalytic	
	a) Carbon dioxide and water	b) Carbon monoxide		
	c) Methane	d) Carbon dioxide and r	nethane	
2.	What percentage of total area in hilly regions does	the National Forest Policy	(1988) suggest to be under	
	forests?			
	a) 67% b) 33%	c) 64%	d) 34%	
3.	Increase the atmospheric temperature due to CO2i	s called		
	a) Pasteur effect b) Green house effect	c) Blackman effect	d) Emerson effect	
4.	Which one of following is not an air pollutant?			
	a) Pollen from plants b) phosphates	c) Carbon monoxide	d) Hydrocarbon	
5.	DDT residues are rapidly passed through food chair	in causing biomagnificatior	is because DDT is	
	a) Lipo soluble	b) Moderately toxic		
	c) Non-toxic to aquatic animals	d) Water soluble		
6.	Rain is called acid rain when its pH is below			
	a) 7 b) 6.5	c) 6	d) 5.6	
7.	CFCs are responsible for			
	a) Ozone layer depletion	b) Global warming		
	c) Acid rain	d) None of these		
8.	Acid rain is due to	CALION		
	a) $CO_2$ and $H_2O$ b) $CO_2$ and $NO_2$	c) SO <sub>2</sub> and NO <sub>2</sub>	d) SO <sub>2</sub> andN <sub>2</sub> O	
9.	Noise is			
	a) Loud sound	b) Sound of high freque	ncy	
	c) Unwanted sound	d) Constant sound		
10.	Domestic sewage contains nutrients like nitrogen a	and phosphorus which favo	ours the excessive growth of	
	planktonic (free floating) algae which can accelera	te which of the following p	henomenon?	
	a) Algal bloom b) Biomagnification	c) Eutrophication	d) Both (a) and (c)	
11.	High level radioactive waste can be managed in wh	nich of the following ways?		
	a) Open dumping	b) Composting		
	c) Incineration	d) Dumping in sealed co	ontainers	
12.	Polyblend is mixed withA to lay roads inB	. Complete the given staten	nent by choosing appropriate	
	option for A and B			
	a) A-bitumen; B-Bengaluru	b) A-carbon; B-Delhi		
	c) A-plastic; B-Kolkata	d) A-cement; B-Chennai		
13.	Most hazardous metal pollutant of automobile exh	aust is		
	a) Cadmium b) Lead	c) Mercury	d) Copper	
14.	Which one of the following is mainly responsible for	or green houses effect?		
	a) $SO_2$ b) $CO_2$	c) CO	d) O <sub>2</sub>	
15.	Which one of the following pairs is mismatched?			
	a) Biomass burning Release of CO <sub>2</sub>	b) Fossil fuel burning	- Release of CO <sub>2</sub>	
	c) Nuclear power Radioactive wastes	d) Solar energy	Green house effect	
16	Consider the following statements			

- I. Soil without a vegetation cover is eroded by both wind and water
- II. Excessive irrigation results in water logging of soil
- III. Increased salt concentration damages agriculture

Which of the statements given above are correct?

- a) I and II
- b) I and III
- c) II and III
- d) I, II and III
- 17. In India, the Air Prevention and Control of pollution Act came into force in ...A..., but was amended in ...B... to include ...C... as an air pollutant

Complete the given statement by choosing appropriate option for A-C

a) A-1980, B-1986, C-water

b) A-1981, B-1987, C-noise

c) A-1982, B-1988, C-radioactive

- d) A-1983, B-1989, C-soil
- 18. Which method is used to remove particulate matter present in exhaust of thermal power plant?
  - a) Wet scrubbers

b) Absorption

c) Electrostatic precipitator

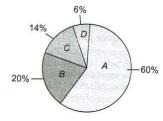
- d) Gravitational method
- 19. Restoring a forest cover over an area where one existed earlier but was removed at some point of time in the past is called
  - a) Reforestation
- b) Afforestation
- c) Deforestation
- d) None of these
- 20. For the control of air pollution in Delhi, all buses of Delhi were converted to run on ...A... by the end of ...B... as per the directives of the ...C...

Complete the given statement by choosing appropriate options for A-C

- a) A-compressed natural gas, B-2000, C-High Court
- b) A-Shale gas, B-2001, C-Central Government
- c) A-compressed natural gas, B-2002, C-Supreme Court
- d) A-Liquid pressure gas compressed natural gas, B-2003, C-Delhi Government
- 21. Green house gases are
  - a) CFCs, CO<sub>2</sub>NH<sub>4</sub> and NO<sub>2</sub>
  - b)  $O_2$ ,  $N_2$  and  $NO_2$
  - c) N<sub>2</sub>, CO<sub>2</sub> and NH<sub>4</sub>
  - d) None of the above
- 22. In which state of India, Ecosave toilets are not found?
  - a) Kerala
- b) Delhi
- c) Sri Lanka
- d) None of these

- 23. Identify the correctly matched pair.
  - a) Montreal protocol Global warming
- b) Kyoto protocol
- Climate change

- c) Ramsar convention Ground water pollution
- d) Basal convention
- Biodiversity conservation
- 24. Study carefully the following pie diagram representing the relative contribution of various greenhouse gases to total global warming. Identify the gases A, B, C and D



- a)  $A-N_2O$ ,  $B-CO_2$ ,  $C-CH_4$ , D-CFCs
- b) A-CO<sub>2</sub>, B CH<sub>4</sub>, C CFCs, D N<sub>2</sub>O
- c) A-CH<sub>4</sub>, , B CFCs, C  $N_2O$ , D  $CO_2$
- d) A-CFCs,,  $B N_2O$ ,  $C CO_2$ ,  $D CH_4$
- 25. The main cause of pollution is metrocities is
  - a) Burning of fossil fuels
  - b) Water plants
  - c) Domestic products
  - d) None of these
- 26. Chipko movement (1974) is the world's known eco development programme, started by Sunder Lal

	Bahuguna in Tehri Garhwal (Uttarakhand). It is asso		
	a) Plant conservation b) Deforestation	c) Reforestation	d) Afforestation
27.	Which one of the following is a most efficient device	to eliminate particulate ma	tters from the industrial
	emissions?		
	a) Cyclonic separators	b) Trajectory separators	
	c) Pyrolysis	d) Electrostatic precipitate	or
28.	Kyoto protocol is related with		
	a) Ozone layer depletion		
	b) Green house effect		
	c) Water pollution		
	d) Conservation of wildlife		
29.	is an undesirable change in physical, chemical o	<del>-</del>	of air, land, water or soil
	a) Pollution	b) Ecological disturbance	
	c) Ecological deterioration	d) Adulteration	
30.	For the best ecological balance, land mass of a country	ry in plains covered with fo	rests
	a) 23% b) 33%	c) 44%	d) 35%
31.	Desertification has become a major problem due to		
	a) Decreased natural resources	b) Increased urbanization	[
	c) Increased population	d) All of the above	
32.	Why CNG is considered as good fuel over diesel/petr	ol?	
	I. CNG burns most efficiently without leaving any unl	ournt remnant behind	
	II. CNG is cheaper than petrol or diesel		
	III. CNG cannot be siphoned off by thieves and adulte	rated like petrol or diesel	
	Which of the statements given above are correct?		
	a) I and II b) I and III	c) II and III	d) I, II and III
33.	Eutrophicated lake has BOD		
	a) Lower	ATTON	
	b) Higher	AHUN .	
	c) Dependent on climate		
	d) May be lower or higher		
34.	A sewage treatment process, in which a portion of the	e decomposer bacteria pre	sent in the waste is
	recycled into the beginning of the process, is called		
	a) Cyclic treatment	b) Primary treatment	
	c) Activated sludge treatment	d) Tertiary treatment	
35.	Consider the following statements about harmful effe	<del>-</del>	n
	I. Radiations from nuclear wastes causes mutation at	a very high rate	
	II. At high doses, nuclear radiations are lethal		
	III. At low doses, radiations cause disorders and cand	er	
	Which of the statements given above are correct?		
	a) I and II b) I and III	c) II and III	d) All of these
36.	In 2002 AD, according to research, the concentration	of CFC <sub>s</sub> reached to	
	a) 368 ppm b) 1750 ppb	c) 261 ppt	d) 326 ppb
37.	Photochemical smog formed in congested metropolis	tan cities mainly consist of	
	a) Ozone, peroxyacetyl nitrate and NO <sub>x</sub>	b) Smoke, peroxyacetyl ni	<del>-</del>
	c) Hydrocarbon, SO <sub>2</sub> and CO <sub>2</sub>	d) Hydrocarbon, ozone ar	_
38.	If there is no greenhouse effect, the average tempera		
	a) 15°C b) -18°C	c) -6°C	d) 20°C
39.	A disease caused by eating fish contaminated by indu	istrial waste containing me	ercury compounds is
	known as		

40.	<ul><li>a) Bright's disease</li><li>b) Minamata disease</li><li>The cause of decline in the population of reptiles an</li></ul>		d) Osteosclerosis
40.			d) Coverage
4.1	a) DDT b) Biofertilizer	c) Bioinsecticides	d) Sewage
41.	Consider the following statements regarding defore		
	I. It is removal, decrease or deterioration of forest c	over of an area	
	II. It leads to soil erosion		
	III. Deforestation often causes flash floods		
	IV. Deforested area can be used variously as croplar	id, industrial area, resident	ial area, fallow land, etc.
	Which of the statements given above are correct?		
	a) I, II and III b) II, III and IV	c) I, III and IV	d) I, II, III and IV
42.	Increase in concentration of a toxicant at successive	<del>=</del>	
	a) Eutrophication	b) Accelerated eutrophic	
	c) biomagnification	d) Cultural eutrophicatio	
43.	In the town of Arcata situated on northern coast of	_	water treatment process
	was developed with the help of biologists fromB.	Here A and B refers to	
	a) A-Florida; B-Barry University	b) A-California; B-Humbo	oldt State University
	c) A-Florida; B-Abilence Christian University	d) A-California; B-Becker	University
44.	Secondary sewage treatment is mainly a		
	a) Mechanical process b) Chemical process	c) Biological process	d) Physical process
45.	Which of the following diseases is related to cadmit	ım pollution?	
	a) Minamata b) Pneumoconiosis	c) Anaemia	d) Itai-itai
46.	Shell of egg in bird becomes thin (not properly form	ned) due to the pollution of	pesticides. This occurs due
	to disturbed	2	
	a) Calcium metabolism	b) Phosphorus metabolis	m
	c) Sodium metabolism	d) Potassium metabolism	n
47.	Which of the following are the main harmful effects	of deforestation?	
	I. Increase in carbon dioxide concentration in atmos	sphere	
	II. Loss of biodiversity due to habitat destruction	LAHON	
	III. Disturbance in hydrologic cycle		
	IV. Desertification		
	Which of the statements given above are correct?		
	a) I, II and III b) II, III and IV	c) I, III and IV	d) I, II, III and IV
48.	Study the following statements regarding Ecosave t	oilet and select the incorred	ct ones
	a) They are working in Shri Lanka and Kerala		
	b) Composting method for recycling of human excre	eta	
	c) Recycled materials forms natural fertilisers		
	d) Enhance the need for chemical fertilisers		
49.	The atmosphere around earth is warmed because		
	a) Warm air cannot escape, as in a greenhouse		
	b) Molecules in the atmosphere are warmed by radi	iation from earth and retair	n that heat
	c) Fossil fuels release heat		
	d) Plants release CO <sub>2</sub>		
50.	Which of the following is not used for disinfection o	f drinking water?	
	a) Phenyl b) Chloramines	c) Chlorine	d) Ozone
51.	Earth's climate		
	a) Has been stable over the history of the planet		
	b) Is changing as a result of natural and human prod	cesses	
	c) Will stabilize over the next century, according to	the predictions of most scie	entists
	d) Has been documented to have changed once due	to the evolution of green n	hotosynthesizing nlants

52.	Jhum cultivation refers to	)		
	<ul><li>a) Cultivation of neem trees</li><li>c) Tribal methods of shifting cultivation</li></ul>		b) Cultivation of medicinal plants	
			d) Cultivation of timber plants	
53.	Which of the following is	=	,	•
	a) Water vapour	b) Carbon monoxide	c) Methane	d) Oxygen
54.	Minamata occurs in	,		, ,
	a) Japan	b) Australia	c) India	d) China
55.	In an area where DDT had		•	•
	a) Snake were feeding ex	<u>-</u>	b) Many of the birds egg	-
	c) Bird stopped laying eg		d) None of the above	,
56.	The concept of Joint Fore	_	-	
		ion with the local commun		anaging forests on mutual
	b) Conservation of forest	and agricultural land by th	ne NGOs	
	c) Conservation of forest	and agricultural land by th	ne state government	
	d) Conservation of forest	and agricultural land by th	ne local communities	
57.	According to Kyoto proto	col, the major nations abid	le to reduce concentration	of green -house gases by
	a) 2008	b) 2010	c) 2012	d) 2018
58.	This pollutant causes bur	ning sensation of throat ar	•	ation.
	a) Hydrogen sulphide	b) Sulphur	c) Hydrogen cyanide	d) Arsenic substances
59.	Drinking of mineral wate		sticides (about 0.02 ppm)	for long periods may
	a) Produce immunity aga			
	b) Cause leukaemia (bloo			
	c) Cause cancer of the int	Sa. 1.40		
		of pesticide residues in boo	dy fat	
60.	The major goal of the gree			
	a) Decrease the use of mo		MOTTAT	
	b) Decrease population g		PHITOIA	
	c) Increase agricultural p			
<i>C</i> 1	d) Increase population gr			
01.	In scrubber, the exhaust i		a) Doth (a) and (b)	d) Comerce of het westen
62	<ul><li>a) Spray of water</li><li>During day time, sound le</li></ul>	b) Spray of time	c) Both (a) and (b)	d) Spray of hot water
02.	a) 50 dB	b) 70 dB	c) 20 dB	d) 30 dB
63	In India, Jhum cultivation	•	C) 20 UD	uj 30 ub
03.	a) North eastern states of		b) Western ghats of Ind	ia
	c) Gangetic plains	imaia	d) Deccan plateau	ia
64.	The unfavorable alteration	in of environment due to h		25
011	a) Ecological disturbance		b) Catastrophe	uo
	c) Ecological degradation		d) Pollution	
65.	$CO_2$ , $CH_4$ , $N_2O$ and $CFCs$ a			h
001	a) Ultraviolet radiation	re canca green nouse gase	b) Long wave infra-red	
	c) Visible light radiation		d) X-rays radiation	idaidioii
66.	Which one of the following	ng is a correct option with i		acteria and DDT?
		nultiplication and DDT is o		
	-	les by living cells and DDT		ving cells.
		piological magnification an	<del>-</del>	<del>-</del>
		piological magnification an		_
67.	Expanded from of BOD is		Ü	. •

	a) Biochemical Oxygen Demand	b) Biosynthetic Oxygen D	emand
	c) Biogeochemical Oxygen Destroyer	d) Biological Oxygen Dim	ension
68.	Relative Biological Effectiveness (RBE) usually refer	rs to the damage caused by	
	a) Low temperature b) High temperature	c) Radiation	d) Pollution
69.	•		
	I. Pollution is an undesirable change in physical, che	emical or biological characte	eristics of air, land, water or
	soil		
	II. The air act was amendid in 1987 to include noise	as air pollutant	
	III. In order to control environmental pollution, the	=	assed the environment
	Protection Act, 1976 to protect and improve the qua	ality of our environment	
	Which of the statements given above are correct?		
	a) I and II b) I and III	c) II and III	d) I, II and III
70.	The possible beneficial aspect of grazing animals is	the	
	a) Removal of wild animals and pests	b) Eradication of weeds	
	c) Removal of wild plants	d) Addition of their excre	ta into the soil
71.	Ozone hole results in		
	a) UV radiation reaches the earth	b) Cataract	
	c) Increase in skin cancer	d) All of the above	
72.	Given below a set of health problems		
	I. lack of sleep		
	II. high blood pressure		
	III. stress		
	IV. complete or partial hearing	2	
	V. anxiety		
	Which of the health problems given above are cause	ed by noise pollution?	
	a) I, II and III b) II, III and IV	c) II, III, IV and V	d) I, II, III, IV and V
73.	The intensity levels of whispering noise is	LACITAS	
	a) 10-15 dB b) 20-40 dB	c) 45-50 dB	d) 50-55 dB
74.	Which of the following process is a cyclic, zero-wast	_	
	are cycled in as nutrients for other processes, allow	ing maximum utilisation of	resources and increasing
	the efficiency of production?		
	a) Natural farming b) Organic farming	c) Chemical farming	d) Artificial farming
75.	The main component of photochemical smog is		
	a) SO <sub>2</sub> b) PAN	c) 0 <sub>3</sub>	d) Both (b) and (c)
76.	The soil pollutants that affect the food chain and foo		<del>-</del>
	a) Nitrogen oxides b) Pathogens	c) Chemical fertilizers	d) Pesticides
77.	In acid rain, SO <sub>2</sub> accounts by		
	a) 70% b) 100%	c) 50%	d) 30%
78.	According to the Central Pollution Control Board (C	PCB), particles that are resp	ponsible for causing great
	harm to human health are of diameter		
	a) 2.50 micrometers b) 5.00 micrometers	c) 10.00 micrometers	d) 7.5 micrometers
79.	Which of the following are the causes for deforestat	ion?	
	I. Human settlements		
	II. Forest fires		
	III. Hydroelectric projects		
	IV. Overgrazing by livestock		
	V. Demand of wood		
	Which of the statements given above are correct?		-
	a) I, II and III b) III, IV and V	c) II, III, IV and V	d) I, II, III, IV and V

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	a) Microbes	b) Organic matter	
	c) Microbes and organic matter	d) None of the above	
81.	In electrostatic precipitator, electrode wires are pro	vided with an electric curi	rent of several thousand
	volts, which produces a corona that releaseA		
	These electron attach to dust particle and given the	m aB charge within a v	ery small fraction of a
	second. Here A and B refers to		
	a) A-electron; B-positive	b) A-neutron; B-negative	e
	c) A-electron; B-negative	d) A-proton; B-positive	
82.	Cutting of trees in a forest is called	, .	
	a) Reforestation b) Afforestation	c) Deforestation	d) None of these
83.	The gradual continuous increase in average temperature.		
	concentration of CO <sub>2</sub> and CFCs is termed as		
	a) Global warming b) Greenhouse effect	c) Ozone degradation	d) Montreal protocol
84.	Which one of the following is a major pollutant of au		
	a) Carbon monoxide b) Oxides of nitrogen	c) Oxides of sulphur	d) Carbon dioxide
85.	Which of the following are the example of industrial	-	,
	a) Scraps	b) Flyash	
	c) Both (a) and (b)	d) Irreparable computer	'S
86.	The below diagram shows electrostatic precipitator	-	
	A A B	<i>y</i> , , ,	1
	Dirty air → Clean air	>	
	$C \qquad \stackrel{1}{D}$		
	a) A-Dust particle, B-Negatively charged wire, C-Dis	_	
	b) A-Discharge corona, B-Collection plate grounded		
	c) A-Discharge corona, B-Negatively charged wire, (		
	d) A-Discharge corona, B-Dust particle, C-Negatively	charged wire, D-Collection	on plate grounded
87.	World most problematic aquatic weed is		
	a) <i>Azolla</i> b) <i>Wolffia</i>	c) <i>Eichhornia</i>	d) <i>Trapa</i>
88.	Solid waste can be		
	a) Biodegradable b) Non-biodegradable	c) Both (a) and (b)	d) None of these
89.	Addition of phosphate and nitrates/fertiliser into w	ater and that water ultima	tely draining into lake firstly
	affects		
	a) Growth of aquatic organisms in lake	b) Eutrophication of lake	
	c) The environment of lake	d) Organic remains depo	osited on the lake bottom
90.	Biomagnification is highest in		
	a) Producers	b) Primary consumers	
	c) Secondary consumers	d) Decomposers	
91.	Ozone $(O_3)$ depletion is due to		
	a) PAN b) NO <sub>x</sub>	c) CFCs	d) Sulphates
92.	Polyblend		
	a) Enhance the bitumen's water repellant propertie	S	
	b) Helps to increase the life of road		
	c) Both (a) and (b)		
	d) Is a type of magnet which improve blood circulat	ion when applied in huma	n body part
93.	The ozone layer is found in		
	a) Troposphere b) Mesosphere	c) Stratosphere	d) Atmosphere
94.	Which of the following health problem originates du		
	GPLUS EDUCATION WEB: WWW.GPLUSEDUCAT		: : NO: 8583042324 Page   7
	C. LOS LOGICION WED. WITH COLDOCAL		

80. BOD is concerned with

a) Irritation

- b) Inflammation
- c) Damage of lungs and premature deaths
- d) Eunuchoidism
- 95. Irreparable computers and other electronic goods are known as
  - a) Electronic waste

b) Radioactive waste

c) Electronic industrial waste

- d) Solid waste
- 96. Eutrophication is excessive growth of algae, plants and animals in water-bodies due to nutrient enrichment particularly with
  - a) Nitrogen and phosphorus

b) Calcium and phosphorus

c) Sodium and calcium

- d) Nitrogen and calcium
- 97. Peeling of ozone umbrella, which protects us from UV rays, is caused by
  - a) CFCs

b) CO<sub>2</sub>

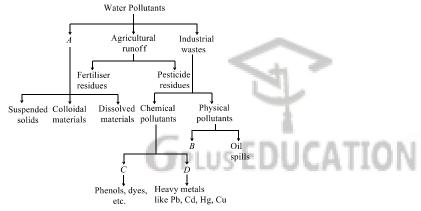
c) PAN

d) Coal burning

- 98. Chipko movement was started in Garhwal, Himalayas in
  - a) 1973 by Shri Sunder Lal Bahuguna
- b) 1973 by a Bishnoi Woman Amrita Devi
- c) 1974 by Shri Sunder Lal Bahuguna
- d) 1974 by a Bishnoi Woman Amrita Devi
- 99. Ultraviolet radiations from sunlight causes a reaction that produces
  - a) Fluorides
- b) Carbon monoxide
- c) Sulphur dioxide
- d) Ozone

- 100. Ozone hole is largest over
  - a) Antarctica
- b) New York
- c) Arctic
- d) Tokyo

101. The below chart shows the sources of water pollution



Read carefully the chart and identify, A, B, C, and D

- a) A-Domestic sewage, B-Thermal (hot) waste water, C-Organic compound, D-Inorganic compounds
- b) A-Chemical sewage, B-Industrial waste water, C-Inorganic compound, D-Organic compounds
- c) A-Industrial sewage, B-Domestic waste water, C-Phenol group, D-Heavy metallic group
- d) A-Sewage, B-Chemical industry waste water, C-Organic compound, D-Inorganic compounds
- 102. Ozone depletion is occurring widely in
  - a) Ionosphere
- b) Stratosphere
- c) Both (a) and (b)
- d) Troposphere

- 103. Fluoride pollution mainly affects
  - a) Teeth
- b) Kidney
- c) Brain
- d) Heart

- 104. Chipko movement was successfully launched by
  - a) SL Bahuguna
- b) HL Bahuguna
- c) KL Bahuguna
- d) Amrita Devi

- 105. Stirred-tank bioreactors have been designed for
  - a) Addition of preservatives to the product
  - b) Purification of the product
  - c) ensuring anaerobic condition in the culture vessel
  - d) Availability of oxygen throughout the process
- 106. What did Chernobyl, Three Mile Island, the Love Canal and Bhopal, India all have in common?
  - a) They were all radioactive disasters
  - b) They were environmental problems caused by global warming

c) They were involved	l environmental racism			
d) They were all techn	d) They were all technological disasters caused by solid wastes			
107. Which of the following statement pertaining to pollutants is correct?				
a) DDT is non-biodeg	a) DDT is non-biodegradable pollutant			
b) Excess fluoride in d	rinking water causes osteop	orosis		
	drinking water causes black			
	water may cause 'Itai-Itai' dis			
	o automobiles for reducing th		ses like NO2 and CO?	
a) Catalytic converters		b) Electrostatic precipitat		
c) Scrubber		d) Bag filter		
-	vildlife protection award is gi	_	nmunities from	
a) Rural areas	b) Urban areas	c) NGOs	d) Hilly areas	
-	g are the indicators of pollution	-	a) imiy areas	
a) Lichen	b) Fungi	c) Algae	d) None of these	
•	, ,	_	u) None of these	
<del>-</del>	utants, enzymatic filters are u		d) Clalani da mallantanta	
a) Hydrocarbons	b) Lead	c) Nitrogen pollutants	d) Chloride pollutants	
112. What is the major caus		) Flavor CC .	D.D. (1.4.)	
a) Urbanization	b) Greenhouse effect	c) El Nino effect	d) Both (a) and (c)	
113. ESP is to arrest				
a) Water pollution	b) Air pollution	c) Radioactive pollution	d) Soil pollution	
114. Which are sensitive to	SO <sub>2</sub> pollution?			
a) Mosses	b) Algae	c) Lichen	d) Ferns	
115. Reforestation is useful	l for	-		
a) Increasing the ferti	lity of soil	b) Reducing floods		
c) Preventing soil eros	sion and spread of deserts	d) All of the above		
116. Which of the following	g metals is a water pollutant a	and causes sterility in humai	n being?	
a) As	b) Mn	c) Mg	d) Hg	
117. Limit of BOD prescribe	ed by Central Pollution Contr	ol Board for the discharge o	f industrial and municipal	
waste water into natu			•	
a) < 3.0 ppm	b) < 10 ppm	c) < 100 ppm	d) < 30 ppm	
118. Eutrophication is caus	= = =	7	7 11	
a) Acid rain		b) Nitrates and phosphate	es	
c) Sulphates and carbo	onates	d) CO <sub>2</sub> and CO		
119. Examples of regional p				
		, 2		
a) Acid rain	pollution are	· -	d) None of these	
a) Acid rain	pollution are b) Smog	c) Both (a) and (b)	d) None of these	
120. World Summit on Sus	pollution are b) Smog stainable Development (2002	c) Both (a) and (b) 2) was held in	·	
120. World Summit on Sus a) Brazil	pollution are b) Smog stainable Development (2002 b) Sweden	c) Both (a) and (b) 2) was held in c) Argentina	d) South Africa	
<ul><li>120. World Summit on Sus</li><li>a) Brazil</li><li>121. Which statement repr</li></ul>	pollution are b) Smog stainable Development (2002 b) Sweden esents the harmful effect of d	c) Both (a) and (b) 2) was held in c) Argentina lepletion of earth's ozone lay	d) South Africa	
<ul><li>120. World Summit on Sus</li><li>a) Brazil</li><li>121. Which statement repr</li><li>a) The average temper</li></ul>	pollution are b) Smog stainable Development (2002 b) Sweden esents the harmful effect of d rature of earth's surface will	c) Both (a) and (b) ?) was held in c) Argentina lepletion of earth's ozone lay increase gradually	d) South Africa	
<ul><li>120. World Summit on Sus</li><li>a) Brazil</li><li>121. Which statement repr</li><li>a) The average temper</li><li>b) The oxygen content</li></ul>	pollution are b) Smog stainable Development (2002 b) Sweden esents the harmful effect of d rature of earth's surface will t of the atmosphere will decre	c) Both (a) and (b) 2) was held in c) Argentina depletion of earth's ozone lay increase gradually ease	d) South Africa	
<ul> <li>120. World Summit on Sus</li> <li>a) Brazil</li> <li>121. Which statement repr</li> <li>a) The average temper</li> <li>b) The oxygen content</li> <li>c) Increased amount of</li> </ul>	pollution are b) Smog stainable Development (2002 b) Sweden esents the harmful effect of d rature of earth's surface will t of the atmosphere will decre of ultraviolet radiation will re	c) Both (a) and (b) c) was held in c) Argentina lepletion of earth's ozone lay increase gradually ease each earth's surface	d) South Africa	
120. World Summit on Sus a) Brazil 121. Which statement repr a) The average temper b) The oxygen content c) Increased amount of d) Sea levels will rise a	b) Smog stainable Development (2002) b) Sweden esents the harmful effect of derature of earth's surface will t of the atmosphere will decre of ultraviolet radiation will re as the polar ice caps will grad	c) Both (a) and (b) c) was held in c) Argentina lepletion of earth's ozone lay increase gradually ease each earth's surface	d) South Africa	
120. World Summit on Sus  a) Brazil  121. Which statement repr a) The average temper b) The oxygen content c) Increased amount of d) Sea levels will rise a  122. Which of the following	b) Smog stainable Development (2002 b) Sweden esents the harmful effect of d rature of earth's surface will t of the atmosphere will decre of ultraviolet radiation will re as the polar ice caps will grad g statement is not correct?	c) Both (a) and (b) c) was held in c) Argentina lepletion of earth's ozone lay increase gradually ease each earth's surface lually melt	d) South Africa	
120. World Summit on Sus  a) Brazil  121. Which statement repr  a) The average tempe  b) The oxygen content  c) Increased amount of  d) Sea levels will rise at  122. Which of the following  a) Ozone layer do not	b) Smog stainable Development (2002 b) Sweden esents the harmful effect of d rature of earth's surface will t of the atmosphere will decre of ultraviolet radiation will re as the polar ice caps will grad g statement is not correct? allow UV-B to reach the eartl	c) Both (a) and (b) c) was held in c) Argentina lepletion of earth's ozone lay increase gradually ease each earth's surface lually melt	d) South Africa	
120. World Summit on Sus  a) Brazil  121. Which statement repr  a) The average tempe  b) The oxygen content  c) Increased amount of  d) Sea levels will rise at  122. Which of the following  a) Ozone layer do not	b) Smog stainable Development (2002 b) Sweden esents the harmful effect of d rature of earth's surface will t of the atmosphere will decre of ultraviolet radiation will re as the polar ice caps will grad g statement is not correct?	c) Both (a) and (b) c) was held in c) Argentina lepletion of earth's ozone lay increase gradually ease each earth's surface lually melt	d) South Africa	
120. World Summit on Sus  a) Brazil  121. Which statement repr  a) The average tempe  b) The oxygen content  c) Increased amount of  d) Sea levels will rise at  122. Which of the following  a) Ozone layer do not	b) Smog stainable Development (2002 b) Sweden esents the harmful effect of derature of earth's surface will t of the atmosphere will decreas the polar ice caps will grades statement is not correct? allow UV-B to reach the earth	c) Both (a) and (b) c) was held in c) Argentina lepletion of earth's ozone lay increase gradually ease each earth's surface lually melt	d) South Africa	
120. World Summit on Sus a) Brazil 121. Which statement repra) The average temper b) The oxygen content c) Increased amount od) Sea levels will rise at 122. Which of the following a) Ozone layer do not b) Ozone hole is an act c) Halons are ozone definition.	b) Smog stainable Development (2002 b) Sweden esents the harmful effect of derature of earth's surface will t of the atmosphere will decreas the polar ice caps will grades statement is not correct? allow UV-B to reach the earth	c) Both (a) and (b) c) was held in c) Argentina lepletion of earth's ozone lay increase gradually ease each earth's surface lually melt h surface	d) South Africa	
120. World Summit on Sus  a) Brazil  121. Which statement repr  a) The average temper  b) The oxygen content  c) Increased amount of  d) Sea levels will rise at  122. Which of the following  a) Ozone layer do not  b) Ozone hole is an act  c) Halons are ozone do  d) The active chlorine	b) Smog stainable Development (2002 b) Sweden esents the harmful effect of d rature of earth's surface will t of the atmosphere will decre of ultraviolet radiation will re as the polar ice caps will grad g statement is not correct? allow UV-B to reach the earth tual hole over Antarctica epleting substances	c) Both (a) and (b) c) was held in c) Argentina lepletion of earth's ozone lay increase gradually ease each earth's surface lually melt h surface	d) South Africa ver?	

Complete the given statement by choosing appropri	iate option for A-C	
a) A-petrol, B-diesel, C-44%	b) A-diesel, B-petrol, C-42	2%
c) A-petrol, B-diesel, C-49%	d) A-diesel, B-petrol, C-45	5%
124. World environment day is celebrated on		
a) 1st February b) 8th March	c) 6th December	d) 5th June
125. A lake with nutrients is called		
a) Trophic b) Euphotic	c) Oligotrophic	d) Eutrophic
126. Three mile island and chernobyl disasters are assoc	riated with accidental leakag	ge of
a) Radioactive wastes b) Industrial wastes	c) Municipal wastes	d) Hospital wastes
127. Ozone is spread in the swimming pool because	, .	, ,
a) It acts as disinfectant	b) To absorbs UV radiation	ons
c) Ozone is easily available from $O_2$	d) All of the above	
128. Which of the following methods are useful for solid	•	
I. Open burning	1	
II. Sanitary landfills		
III. Rag-pickers and kabadiwallahs		
IV. Natural breakdown		
V. Recycling		
VI. Incineration		
Choose the correct option		
	c) II, III, IV, V and VI	d) I, II, III, IV, V and VI
129. Checking of re-radiating heat by atmospheric dust C		
a) Green house effect b) Solar effect	c) Ozone layer effect	d) Radioactive effect
130. Of the following four metropolitan Indian cities, who		=
a) Mumbai b) Delhi	c) Kolkata	d) Chennai
131. Which of the following are correctly matched?	ej Konkata	a) difermal
I. Arsenic poisoning - Black foot disease		
II. Secondary effluent	CATION	
treatment - Biological process	PLUTOIA	
III. Pyrolysis - Solid soil waste disposal		
IV. <i>Tubifex</i> - Water pollution indicator		
V. Biomagnification - Degradable pollutants		
a) I,II,III and V b) I,III,IV and V	c) II,III,IV and V	d) I,II,III and IV
132. Which of the following is a prime health risks associ	-	-
atmosphere due to depletion of stratospheric ozone	=	ion unough the
a) Damage to digestive system	b) Increased liver cancer	
c) Neurological disorder	d) Increased skin cancer	
133. Irrepairable goods, computers and other electronic		d) d vyggtag
a) a-wastes b) e-wastes	c) c-wastes	d) d-wastes
134. Consider the following statements	hat an as swisted but was no	marrad at same paint of
I. Reforestation is the process of restoring a forest the	nat once existed but was re-	moved at some point of
time in the past	1	
II. Reforestation may occur naturally in a deforested		. 1000
III. A tree plantation movement or Van Mahotsava is	s being carried out in India :	since 1982
Which of the statements given above are correct?	) II   1 III	15 7 77 1 777
a) I and II b) I and III	c) II and III	d) I, II and III
135. Scrubber is used to remove gases like	) (0	D MO
a) CO <sub>2</sub> b) SO <sub>2</sub>	c) CO	d) NO <sub>2</sub>
136 Consider the following statements about eutrophical	ition	

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	I. Eutrophication is the natural ageing of a water body	y by nutrient enrichment		
	II. The accelerated ageing of lakes due to sewage and	agricultural and industria	al wastes is called cultural or	
	accelerated eutrophication			
	III. The plant nutrients responsible for eutrophication	n are nitrates and phospha	ates	
	IV. Phosphates and nitrates accelerate the growth of	algae which utilise oxygen	and may deoxygenate the	
	water enough to kill the fish and other aquatic anima	ls		
	Which of the statements given above are correct?			
	a) I and II b) I, II and III	c) I, III and IV	d) I, II, III and IV	
137.	A sewage treatment process in which a part of decom	nposer bacteria present in	the waste is recycled into	
	the starting of the process is called		•	
	a) Cyclic treatment	b) Activated sludge treati	ment	
	c) Primary treatment	d) Tertiary treatment		
138.	Cigarette smoking causes	, ,		
	a) Skin cancer b) Blood cancer	c) Bone cancer	d) Lung cancer	
139.	Ozone saves the biosphere by absorbing the high ene	•	, 8	
	a) Infra-red rays (IR)	b) Ultraviolet rays (UV)		
	c) X-rays	d) Gamma rays		
140.	The fertile top soil is removed by human activities lik	•		
110.	a) Over-cultivation	b) Unrestricted grazing		
	c) Deforestation and poor irrigation practices	d) All of the above		
141	Which of the following statement is correct?	a) In or the above		
111.	a) Extensive use of chemical fertilizers may lead to en	itrophication of nearby w	ater hodies	
	b) Both <i>Azotobacter</i> and <i>Rhizobium</i> fix atmospheric			
	c) Cyanobacteria such as <i>Anabaena</i> and <i>Nostoc</i> are in		<del>-</del>	
	for plant nutrition in soil	important mobilizers of pr	nosphates and potassium	
	d) At present, it is not possible to grow maize withou	t chamical fortilizars		
1/2	Algal blooms imparts a distinct colour to water due to			
144.		ATION		
	a) Their pigments	MITOIL		
	b) Excretion of coloured substance			
	c) Absorption of light by algal cell wall	ad by physialagical dagge	dation of algae	
1.40	d) Formation of coloured chemicals in water facilitate	ed by physiological degrac	uation of aigae	
143.	Pollution is not caused by	124 . 14		
	a) Thermal power plant	b) Automobile	1	
	c) Radioactive power plant	d) Hydroelectric power p	olant	
144.	The term 'biomagnification' refers to the			
	a) Growth of organisms due to food consumption			
	b) Increase in population size			
	c) Blowing up of environmental issues by man			
	d) Increasing in the concentration of non-degradable		rough food chain	
145.	Carbon dioxide is called green house gas because it is			
	a) Used in green house to increase plant growth	b) Transparent to heat bu	= =	
	c) Transparent to sunlight but traps heat	d) Transparent to both su	unlight and heat	
146.	One of the following acts as secondary pollutant			
	a) Br <sub>2</sub> b) Cl <sub>2</sub>	c) NO <sub>2</sub>	d) HNO <sub>3</sub>	
147.	Which of the following toxic materials was present in			
	a) Cd b) Pb	c) Mg	d) Hg	
148.	Global agreement in specific control strategies to red	uce the release of ozone d	epleting substances, was	
	adopted by			
	a) Pio de Ianorio Conference	h) Montreal Protocol		

c) Kyoto Protocol	d) Vienna Convention	
149. Ecological sanitation is a sustainable system for han	=	g dry composting toilets.
Such 'Ecosave' toilets are working in		
a) Asom and West Bengal	b) Andhra Pradesh and M	Maharashtra
c) Kerala and Sri Lanka	d) Karnataka and Andhra	
150. Common indicator organism of water pollution is	,	
a) Lemna pancicostata		
b) Eichhornia crassipes		
c) Escherichia coli		
d) Entamoeba histolytica		
151. Kyoto protocol has specified the commitments of di	fferent countries	
a) To mitigate climate changes	b) Limit production of ch	llorofluorocarbons
c) To prepare a world climate programme	d) None of the above	
152. Which of the following groups of gases cause photoc	•	
a) O <sub>3</sub> PAN and CO b) HC, NO and PAN	c) O <sub>2</sub> ,PAN and NO <sub>2</sub>	d) $O_2$ , PAN and $NO_3$
153. The phenomenon by which certain pollutants (e. g.,		, -
increasing concentration is called	DD1, Mcreary) accumulat	es in the body tissues in
a) Biological degradation	h) Piological magnification	on
	b) Biological magnification	OII
c) Eutrophication	d) Bioprecipitation	
154. Read the following statements carefully and select t		
I. UV rays essential for the production as well as deg	_	Constant the same
II. Ozone present in ionosphere acts as a shield abso		
III. One fourth of the incoming solar radiation is refl		
half of the incoming solar radiation falls on the earth	i's surface, neating it. Of th	is only a small portion is
reflected back	) ** 1 ***	D. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
a) I and II b) I and III	c) II and III	d) I, II and III
155. In India, the heaviest demand of forests is for	'ATTAN	
a) Fuel wood	b) Timber wood	
c) Wood for agricultural tools	d) Medicines	
156. The ultraviolet radiations in the stratosphere are ab		
a) O <sub>3</sub> b) O <sub>2</sub>	c) CO <sub>2</sub>	d) H <sub>2</sub> SO <sub>4</sub>
157. Carbon monoxide is a pollutant because it		
a) Reacts with O <sub>2</sub>	b) Inhibits glycolysis	
c) Reacts with haemoglobin	d) Makes nervous systen	
158. It is estimated that out of the total global warming, t	the relative contribution of	CO <sub>2</sub> , CH <sub>4</sub> , CFCs and N <sub>2</sub> O are
found respectively as		
a) 60%, 20%, 14% and 6%		
b) 6%, 14%, 20% and 60%		
c) 20%, 60%, 14% and 6%		
d) 20%, 14% ,60% and 6%		
159. In big cities, the major atmospheric pollutant is		
a) Carbon monoxide and oxide of sulphur	b) Hydrocarbon and hot	air
c) Pollens and Marsh gas	d) Ozone	
160. Steps taken by the Government of India to control a	ir pollution include	
a) Compulsory mixing of 20% ethyl alcohol with per	trol and 20% biodiesel wit	h diesel
b) Compulsory PUC(Pollution Under Control) certifi	cation of petrol driven veh	nicles, which tests for carbon
monoxide and hydrocarbons	um of EOO serves as lealers	fuel fenyekielee
c) Permission to use only pure diesel with a maximu		
d) Use of non-polluting Compressed Natural Gas(CN	ig) only as fuel by all buses	s and trucks

161. Which of the following plants	is used for the purifica	tion of water?	
a) <i>Beggiatoa</i> b)	Chlorella	c) <i>Spirogyra</i>	d) <i>Eichhornia</i>
162. Which of the following is non	-biodegradable?		
a) Sewage b)	DDT	c) Livestock waste	d) Market garbage
163. Minamata disease was caused	d due to the consumptio	on of	
a) Sea food containing lot of o	cadmium	b) Fish contaminated with	n mercury
c) Ousters with lot of pesticid	le	d) Sea food contaminated	with selenium
164. Which one among the followi	ng is likely to have the	highest level of DDT deposi	ition in its body?
a) Phytoplanktons b)	Sea gull	c) Crab	d) Eel fish
165. Escherichia coli is used as an	indicator organism to	determine pollution of wat	er with
a) Industrial effluents		b) Pollen of aquatic plants	5
c) Heavy metals		d) Faecal matter	
166. 'Bad' ozone is formed in			
	Ionosphere	c) Stratosphere	d) Troposphere
167. Which Act was formulated in	the year 1986?		
a) The Insecticide Act			
b) The Water (prevention and		Act	
c) The Air (prevention and co	• ,		
d) The Environment (protect			
168. The thickness of ozone in a co	olumn of air from the gr	ound to the top of the atmo	osphere is measured in
terms of			15 75 1
	Pascal units	c) Svedberg units	d) Dobson units
169. The Montreal protocol refers		1) (1) 1 1 1 1 1 1	
a) Persistent organic pollutar	Sta. 1.40	b) Global warming and cli	_
c) Substances that deplete the	e ozone layer	d) Biosafety of genetically	modified organisms
170. Green-house effect refers to	Tuonning of IIV ways	a) Duaduation of garage	d) Marming of courts
		c) Production of cereals	d) warming of earth
171. I. Radiation from nuclear was II. At low doses, radiations ca	A SECTION OF THE REST PARTY TO	Trate	
Complete the given statemen		ate ontion for A and R	
a) A-lethal; B-cancer	t by choosing approprie	b) A-cancer; B-mutation	
c) A-mutation; B-down syndr	rome	d) A-down syndrome; B-c	ancer
172. A pollutant can best defined a		a) II down syndrome, b e	ancer
a) Has natural geochemical cy		b) Changes homeostasis o	of environment
c) Disturb natural flora of a p		d) Become stabilized in ed	
173. Global warming can be control		.,	<b>.</b>
I. reducing deforestation	<b>,</b>		
II. planting trees (afforestation	on)		
III. slowing down the growth	•		
IV. reduction of emission of g		ne atmosphere	
V. cutting down the use of fos	_	*	
Which of the statement given			
_	II, III, IV and V	c) I, III, V and IV	d) I, II, IV and V
174. What is true about the Euro I	I norms?		
a) It stipulates to control sulp	hur at 350 ppm in dies	el and 150 ppm in petrol	
b) It stipulates to reduce sulp	hur level to 50 ppm in j	petrol and diesel	
c) It stipulates to reduce sulp	hur level to 200 ppm in	diesel and petrol	
d) It stipulates to reduce sulp	hur level to 200 ppm in	diesel and 100 ppm in pet	rol
175. Montreal protocol, which call			

	passed in the year	13.400	. 1000	D 4005
176	a) 1986	b) 1987	c) 1988	d) 1985
1/6	. Consider the following sta		or to 1 or otal of the or	
	<del>-</del>	es like sulphur dioxide from		
		ust is passed through a spr		
	=	and lime reacts with sulph	ur dioxide to form a precip	itate of calcium sulphate
	and sulphide			
	Which of the statements g		) II	12 1 1 1 111
4 7 7	a) I and II	b) I and III	c) II and III	d) I, II and III
1//		ncrease green house effect		
	a) Precipitates dust in the		b) Reduces atmospheric p	
170	c) Is opaque to infra red i		d) Is not opaque to infra	<del>-</del>
1/8		o fulfil the needs of growing		
4.50	a) Deforestation	b) Reforestation	c) Depletion of forest	d) Afforestation
179	. Which of the following is	a secondary air pollution?	1) 6	
	a) Hydrocarbons		b) Smog	
100	c) Particulate matter	, ,,	d) Automobile exhausts	
180	. Maximum green house ga		2 1704	D. F.
404	a) India	b) Britain	c) USA	d) France
181	Good ozone is formed in	13.7	2.0	1) m 1
400	a) Atmosphere	b) Ionosphere	c) Stratosphere	d) Troposphere
182	. Ozone layer is depleted by		) 00 0H 0	D NO. GO
400	a) SO <sub>2</sub> , NO <sub>3</sub>	b) CFCs, CH <sub>4</sub> , N <sub>2</sub> O	c) CO, CH <sub>4</sub> , O <sub>2</sub>	d) $NO_2$ , $CO_2$
183		ch are fitted into automobil		on of poisonous gases
	_	llowing metals used as cata		D All C.1
101	a) Platinum	b) Palladium	c) Rhodium	d) All of these
184	. El Nino effect is closely as		'ATION	12 411 - 6.1
405	a) Global warming	b) Acid rain	c) Greenhouse gases	d) All of these
185		nal methaemoglobin cause		s is due to
		entration in drinking water		
	b) Excess of nitrates in dr	=		
	c) Deficiency of iron in fo			
100	d) Increased methane cor	-	. 1 . 11 . 71	
186	. Given diagram represent	two devices $A$ and $B$ used t	to control air pollution, idei	ntify them
	11			
	Water line spray Dischar	rge corona		
		Collection beak		
	Dirty air → Dirty air → Particulate	— → Clean air —		
	matter / Dust particle B	legatively changed wire		
	a) A-Bag filter; B-Scrubbe	pr	b) A-Scrubber; B-Electros	static precipitator
	c) A-Scrubber; B-Bag filte		d) A-Electrostatic precipi	• •
187	. One of the main reasons of		a) II Biccirostatic precipi	tator) B Bag inter
107	a) Jhum cultivation	b) Deforestation	c) Drought conditions	d) Temperature
188	* *	ble during day time in resid	=	a, remperature
100	a) 75 dB	b) 55 dB	c) 65 dB	d) 45 dB
189	. BOD increased by	2, 00 ab	0, 00 ab	a, 10 aD
107	a) Algae	b) Moss	c) Ferns	d) Distillated wastes
	-,		-, 1 -1 110	a, biodinated wastes

190. When the noise was recognized as an air pollutant?

	a) 1992	b) 1963	c) 1949	d) 1987	
191.	21. Green house effect is the cumulative result of the influences of certain gases. Identify the gas, which is not				
	involved in this influence?				
	a) Methane		b) Chlorofluorocarbons		
	c) Nitrogen		d) Carbon dioxide		
192.	Taj Mahal marble is affect	ed by			
	a) SO <sub>2</sub>	b) 0 <sub>2</sub>	c) 0 <sub>3</sub>	d) NO <sub>2</sub>	
193.		· -	, ,	e depleting substances, was	
	held at				
	a) Canada	b) Kyoto	c) Washington	d) Rio de Janerio	
194.	•		to presence of certain gase	•	
	called			•	
	a) Global warming	b) Ozone depletion	c) Greenhouse effect	d) El-Nino effect	
195.	Rise in temperature leads		environment resulting in oc		
	a) Global warming	b) El Nino effect	c) La Nino effect	d) Greenhouse effect	
196.	A lake with an inflow of do	omestic sewage rich in orga	anic waste may result in		
	a) Drying of the lake very	soon due to algal bloom	b) An increased production nutrients	on of fish due to lot of	
	c) Death of fish due to lac	k of oxygen	d) Increased population o organisms	f aquatic food web	
197.	Acid rain is mainly caused	l due to increase in the leve	els of the gas(es)		
	a) SO <sub>2</sub> only	b) CO <sub>2</sub> only	c) $SO_2$ , $CO_2$	d) NO <sub>2</sub> and SO <sub>2</sub>	
198.	Nutrient enrichment of a l	ake will cause			
	a) Eutrophication	b) Stratification	c) Biomagnifications	d) Bioaccumulation	
199.	Catalytic converters				
	I. These are fitted into aut	omobiles for reducing emis	ssion of poisonous gases lik	ke NO <sub>2</sub> and CO	
		-	um and rhodium as catalys	<del>-</del>	
			To the common of	s into nitrogen and oxygen:	
			ınburnt hydrocarbons get l		
	-	vith catalytic converter sho	uld use unleaded petrol be	cause lead in the netrol	
	inactivates the catalyst	The cataly the converter and	ara ase ameaaea petror se	oudo roda m eno pou or	
	•	iven above are correct abo	ut catalytic converters?		
	a) I, II and III	b) II, III and IV	c) I, III and IV	d) I, II, III and IV	
200	•	ous noise pollution if its leve		aj 1, 11, 111 ana 1 v	
200.	a) 30 dB	b) 80 dB	c) 120 dB	d) 150 dB	
201	Old pollutant amongst the		c) 120 db	ај 130 ав	
201	a) $SO_2$	b) CO <sub>2</sub>	c) CO	d) Acid rain	
202	What is soil erosion?	b) CO <sub>2</sub>	c) 60	d) Acid fain	
202.	a) It is the process by whi	ch soil is formed			
			ransport of soil by human	activities wind and water	
	c) A natural method of filt		ransport of son by numan	activities, will alla water	
	=	d to as the 'greenhouse' eff	oct		
202	Ozone depletion in stratos	=	ect		
203.	<del>-</del>	sphere shall result in	h) Croon house offert		
	a) Forest fires		b) Green house effect	akin cancar	
204	c) Global warming	at the floor of the deer	d) Increased incidence of		
ZU4.	· -		nds and lakes is very low b		
	a) Over-hanging column o	or water	b) Lesser amount of sunli		
	c) Decomposers		d) Large number of annua	น มหลอนสมเร	

205. Which of the follow	ing is not an air pollutant?		
a) $NO_3$	b) SO <sub>2</sub>	c) Hydrocarbons	d) CO <sub>2</sub>
206. Montreal protocol a	iims at		
a) Reduction of ozo	ne depleting substances	b) Biodiversity conserva	tion
c) Control of water	_	d) Control of CO <sub>2</sub> emission	
207. Sulphur dioxide cau		,	
a) Asthma	b) Bronchitis	c) Emphysema	d) All of these
•	cording to Central Forestry Com		a) in or these
a) 19.4%	b) 18.3%	c) 30%	d) 14.0%
	•	,	uj 14.070
	ing are advantages of ecologica		
= -	gienic and efficient method of	waste disposai	
II. It is cost effective			C
	can be recycled into natural fer	_	
a) I and II	b) I and III	c) II and III	d) I, II and III
210. Which element is ca			
a) Hg	b) Pb	c) Cd	d) As
	the technique of raising crops th	nrough the use of	
a) Manure	b) Biofertilisers	c) Resistant varieties	d) All of these
212. Given diagram repr	esents the greenhouse effect		
*			
(Sun)-			
Greenhous	se		
	S +	>	
1	11	_	
I. Cwa anhayaa gagaa	aband infuned adjustice from	the cauth. The abacubed wa	diations again some to
	s absorb infrared radiation from	Tule earth. The absorbed ra	diations again come to
	heat it up	CHILDIA	CC .
	and $N_2O$ are the gases which are		
	evel of greenhouse gases result	s considerable heating of ea	irth leading to global
warming			
	nent given above are correct?	2	13 7 77 1 777
•	b) II and III	c) I and III	d) I, II and III
	nization, increasing pollution a		
a) Global warming		b) Green house effect	
c) Population explo	sion	d) Ozone depletion	
214. Motor vehicles equi	ipped with catalytic converter s	hould use unleaded petrol b	oecause lead
a) In petrol inactiva	ites the catalyst	b) Increases the burning	of petrol
c) Decreases the eff	ficiency of vehicles	d) Is a heavy metal	
	eing of lakes due to sewage and	agricultural and industrial	waste is called
a) Nutrient enrichm	_	b) Accelerated eutrophic	
c) Biomagnification		d) None of the above	
	ing is biodegradable pollutant?	-	
a) Sewage	b) Plastic	c) Polythene	d) DDT
	*	c) i orythene	u) DD1
217. Eutrophication resu		a) Danasitia Durt	d) Diagolysod:t
a) Mineral salts	b) Dissolved oxygen	c) Parasitic Protozoa	d) Dissolved nitrate
	llowing gases can deplete ozon		
a) Ammonia	b) Methane	c) Carbon monoxide	d) Sulphur dioxide
ZIY Arrange the follows:	NO ONTIONS IN ASCANDING ARDAY O	nt their Killi Vallie	

- I. Sample of highly polluted pond water.
- II. Sample from unpolluted pond water.
- III. Distilled water.
- a) III  $\rightarrow$  I  $\rightarrow$  II
- b) II  $\rightarrow$  III  $\rightarrow$  I
- c) III  $\rightarrow$  II  $\rightarrow$  I
- d) I  $\rightarrow$  III  $\rightarrow$  II
- 220. In the treatment of waste water discharge, which treatment stage involves biological treatment?
  - a) Primary treatment

b) Secondary treatment

c) Tertiary treatment

- d) Reverse osmosis stage
- 221. Which of the following is secondary pollutant?

b)  $SO_2$ 

c)  $NO_2$ 

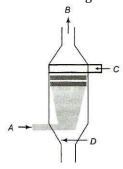
- d)  $H_2O$
- 222. Increase in toxic concentration from one trophic level to another trophic level is called
  - a) Ecological toxification

b) Biomagnifications

c) Biocoenosis

- d) Cytological effect
- 223. At present, the concentration of CO<sub>2</sub> in the atmosphere is about
  - a) 100 ppm
- b) 240 ppm
- c) 380 ppm
- d) 520 ppm
- 224. Which one of the following is the correct percentage of the two(out of the total of four) green house gases that contribute to the total global warming?
  - a) CFCs 14%, CH<sub>4</sub> 20%
- b) CO<sub>2</sub>40%, CFCs 30%
- c) N<sub>2</sub>O 6%, CO<sub>2</sub> 86%
- d) CH<sub>4</sub> 20%, N<sub>2</sub>O 18%

- 225. Which of the following is a point source of pollution
  - a) Mining area
- b) Industrial estate
- c) Chimney
- d) All of these
- 226. Which of the following is not as a consequence of global warming?
  - a) Rising sea level
  - b) Increased agricultural productivity worldwide
  - c) Worsening health effects
  - d) Increased storm frequency and intensity
- 227. The below diagram shows a scrubber. Identify A, B, C and D





- a) A-Particulate matter, B-Clean air, C-Dirty air, D-Dust particle
- b) A-Dirty air, B-Clean air, C-Water line spray, D-Particulate matter
- c) A-Clean air, B-Dirty air, C-Particulate matter, D-Water line spray
- d) A-Dust particle, B-Clean air, C-Particulate matter, D-Collection plate grounded
- 228. In 1984, the Bhopal gas tragedy took place because methyl isocyanate
  - a) Reacted with DDT
- b) Reacted with NH<sub>3</sub>
- c) Reacted with CO<sub>2</sub>
- d) Reacted with H<sub>2</sub>O
- 229. Which of the following strategies is not a correct approach to reduce global warming?
  - a) Reducing the green-house gas emission by limiting the use of fossil fuels
  - b) Increase the vegetation cover particularly the forest for photosynthetic utilization of CO<sub>2</sub>
  - c) Minimising the use of nitrogen fertilizers, in agriculture for reducing  $\mathrm{NO}_2$  emission
  - d) Increasing the use of air conditioners, refrigeration unit and production of plastic

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- 230. Air pollutants
  - I. cause injury to all living organism
  - II. reduce growth and yield of crops and causes premature death of plants
  - III. affects the respiratory system of humans and animals

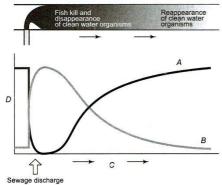
	Which of the statements §	given above are correct?		
	a) I and II	b) I and III	c) II and III	d) I, II and III
231.	Gaseous pollutants can be	e controlled by		
	a) Arrestors		b) Electrostatic precipitat	ors
	c) Pyrolysis		d) Incineration	
232.	CFCs are not recommend	ed to be used in refrigerato	rs because they	
	a) Increase temperature		b) Deplete ozone	
	c) Affect environment		d) Affect human body	
233.	Green house effect with r	espect to global climate ref	ers to	
	a) Cooling and moist cond	dition	b) Warming effect	
	c) Increase rainfall and g	reenery	d) Desertification	
234.	Foul smell in the water bo	odies of tanks, ponds ,etc, is	due to	
	a) Aerobiosis		b) Anaerobiosis	
	c) Psammophytes		d) Biological magnificatio	n
235.	Green house effect is due	to the increased concentra	tion of	
	a) CO <sub>2</sub>	b) Ne	c) SO <sub>2</sub>	d) NO <sub>2</sub>
236.	5 <sup>th</sup> June is celebrated as			
	a) World forest day		b) World environment da	y
	c) World red cross day		d) World food day	
237.	Effect of pollution is on			
	a) Crossing over	b) Ecological balance	c) Linkage	d) Mutation
238.	Photochemical smog poll	ution does not contain		
	a) Ozone	b) Nitrogen dioxide	c) Carbon dioxide	d) PAN
239.	Minamata disease is caus	ed due to presence of	in water.	
	a) Cadmium	b) Lead	c) Arsenic	d) Mercury
240.	SO <sub>2</sub> and NO <sub>2</sub> produce poll	lution by increasing		
	a) Acidity	b) Alkalinity	c) Neutrality	d) Buffer action
241.	Which one of the chemica	al is responsible for the redu	uction of ozone content of t	he atmosphere?
	a) SO <sub>2</sub>		b) Chlorofluorocarbon	
	c) HCl		d) Photochemical smog	
242.	Which of the following ar	e the harmful effect of glob	al warming?	
	I. The temperature of the	earth has increased by 0.6°	°C is last three decades, wh	ich will lead to change in
	precipitation patterns			
	II. This rise in temperatur	re will lead to the increased	melting of polar ice caps w	which will cause the rice in
	sea level and many coasta	al areas will be submerged		
	III. Increased temperatur	e will lead to increased wee	ed growth, eruption of disea	ases and pests. Thus, crop
	productivity will decrease	e		
	a) I and II	b) I and III	c) II and III	d) I, II and III
243.	Which method is used for	the removal of sulphur dic	oxide and ammonia from th	e polluted air?
	a) Electrostatic precipitat	tor	b) Wet scrubbers	
	c) Gravitational method		d) Absorption	
244.	Biochemical Oxygen Dem	and (BOD) is a measure of		
	a) industrial wastes pour	ed into water bodies		
	b) Extent to which water	is polluted with organic con	mpound	
	c) amount of carbon mon	oxide inseparably combine	d with haemoglobin	
	d) amount of oxygen need	ded by green plants during	night	
245.	Which one of the following	ng is the heavy toxic metal p	resent in waste water fron	n industries?
	a) Mercury	b) Cadmium	c) Lead	d) All of these
246.	Consider the following sta	atements		

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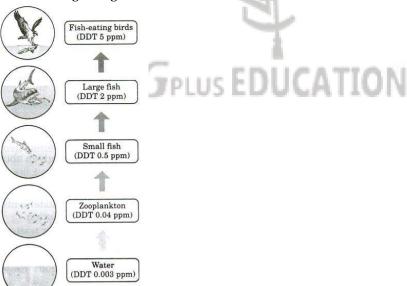
	I. Algal blooms are formed by free floating algae				
	II. Algal bloom causes fish mortality and deterioration of water quality				
	III. Water hyacinth, the world's most problematic aquatic weed is also called 'Terror of Bengal'				
	Which of the statements given above are correct about algal blooms?				
	a) I and II b) I and III	c) II and III	d) I, II and III		
247.	Consider the following statements about Ramesh Cha		-		
	I. Ramesh Chandra Dagar's work includes bee-keepir	=	=		
	and agriculture in a chain of processes		<i>5</i> , 1, 0		
	II. In this process there is no need to use chemical fertilisers for crops as cattle excreta is used as manur III. Crop waste is used for making compost which is used as natural fertilizer				
	IV. Compost generates natural gas which is used for e				
	Which of the statements given above are correct?				
	a) I, II and III b) I, III and IV	c) II, III and IV	d) I, II, III and IV		
248.	All automobiles and fuel (petrol and diesel) were to l	•	•		
	Indian cities from 1 April 2005 and have to meet the		1		
	a) 1 April 2007 b) 1 April 2008	c) 1 April 2009	d) 1 April 2010		
249.	In the 1990s, Delhi ranked among the 41 most p		,		
	a) 4th b) 5th	c) 6th	d) 7th		
250.	The term 'Terror of Bengal' is used for	-,	,		
	a) Eichhornia crassipes	b) Decreased biological ox	xygen demand		
	c) Biomagnification	d) Algal bloom	-) 8		
251.	Which one is incorrect for the effects of deforestation				
	a) It leads to soil erosion				
	b) It alters the weather pattern by decreasing rainfal	]			
	c) It speeds up nutrient recycling	•			
	d) It destroys natural habitats of wildlife				
252.	Amrita Devi Bishnoi wildlife protection award is for	the individuals or commun	ities from rural areas that		
	have extraordinary courage in		in the second se		
	a) Reducing greenhouse effect	b) Reducing air pollution			
	c) Reducing global warming	d) Protecting wildlife			
253.	Which of the following compounds are well known for	,	)		
	a) DDT b) Mercury	c) Both (a) and (b)	d) Methane		
254.	Catalytic converter in vehicle is used for controlling	(2)	,		
	a) Air pollution b) Water pollution	c) Radioactive pollution	d) Soil pollution		
255.	Which of the following statement is correct about DD	•	a, con ponanon		
	a) It is a biomagnifying biodegradable pollutant	•			
	b) It is non-biomagnifying biodegradable pollutant				
	c) It is biomagnifying non-biodegradable pollutant				
	d) It is not a pollutant				
256.	NEERI is situated in				
200.	a) Delhi b) Mumbai	c) Nagpur	d) Bangaluru		
257.	E-waste are buried inA orB Complete the gi		, ,		
2071	and B	ven statement by encoung	appropriate option for fr		
	a) A-land fills; B-incinerated	b) A-open area; B-recycle			
	c) A-dumping zone; B-recycle	d) A-open area; B-incinera	ated		
258	SO <sub>2</sub> pollution affects	) F	-		
_50,	a) Chloroplast b) Nucleus	c) Mitochondria	d) Cell membrane		
259.	Choose the correct statement regarding the catalytic		, 3		
	a) Motor vehicles equipped with catalytic converter should use leaded petrol				

b) Catalytic converters have expensive metals namely platinum-palladium and rhodium as catalyst					
c) Catalytic converters help in reducing particulate	c) Catalytic converters help in reducing particulate matter				
d) As the exhaust passes through the catalytic conve	erter nitrogen gas is covere	d to nitric oxide			
260. Desertification					
I. conversion of former moist and fertile land into a	rid desert area				
II. is a product of soil erosion					
III. desertified area cannot be put to any use					
Which of the statements given above are correct?					
a) I and II b) I and III	c) II and III	d) I, II and III			
261. In a coal fired power plant, electrostatic precipitator	rs are installed to control e	mission of			
a) $SO_2$ b) $NO_x$	c) SPM	d) CO			
262. One of the human disease due to biomagnifications	of heavy metals is				
a) Minamata b) Asthma	c) Tuberculosis	d) Elephantiasis			
263. If a pond food chain gets polluted by DDT, the tissue	e concentration of DDT wou	_			
a) Aquatic weed b) Herbivorous fish	c) Carnivorous fish	d) Bird feeding on fish			
264. Which of the following practices has caused maximum	um damage to the biodivers	sity of Indian forests?			
a) Selective harvesting b) Block cutting	c) Taungya cultivation	d) Jhoom cultivation			
265. Which of the following problem is created by a brief	f exposure to extremely hig	h sound level, 150 dB or			
more generated by take off of a jet plane or rocket?					
a) Deafness b) Damage eardrums	c) Both (a) and (b)	d) Damage of brain			
266. The amount of biodegradable organic matter in sew	rage water can be estimated	l by measuring			
a) Biological oxygen demand					
b) Biochemical oxygen demand					
c) The growth of microorganisms in water					
d) The growth of bacteria in water					
267. Deforestation brings about					
a) Increased sunlight	b) Increased grazing area	l			
c) Weed control	d) Soil erosion				
268. Nitrogen oxides produced from the emission of auto	omobiles and power plants	are the source of fine air			
borne particles which lead to					
a) Photochemical smog b) Dry acid deposition	c) Industrial smog	d) Wet acid deposition			
269. Acid rains are produced by excess					
a) Release of carbon monoxide by incomplete comb					
b) Formation of CO <sub>2</sub> by combustion and animal resp	iration				
c) Production of NH <sub>3</sub> by industry and coal gas					
d) $NO_2$ and $SO_2$ from burning fossil fuels					
270. In almost all Indian metropolitan cities like Delhi, th		tant (s) is /are			
a) Suspended particulate matter (SPM)	b) Oxides of sulphur				
c) Carbon dioxide and carbon monoxide	d) Oxides of nitrogen				
271. Increasing skin cancer and damaged DNA in living o	-				
a) Ozone depletion b) Acid rain	c) Greenhouse effect	d) Global warming			
272. What steps should be taken before the disposal of n					
a) Nuclear waste should be pretreated	b) In should be stored in	shielded containers			
c) In should be buried about 500 m deep with in roo	ckd) All of the above				
273. Polyblend is a					
	a) Mixture of two different type of plastics b) Mixture of two same type of plastics				
c) Fine powder of recycled modified plastic d) Blend of plastic and bitumen					
	-	= =			
274. Which of the following is absent in polluted water?  a) <i>Hydrilla</i> b) Water hyacinth	-	= = =			

275. Given below is a flow chart showing the effect of sewage discharge on some important characteristics of a river. Read carefully and identify *A*, *B*, *C* and *D* 



- a) A-BOD, B-Dissolved oxygen, C-Concentration, D-Direction of flow
- b) A-Dissolved oxygen, B-BOD, C-Direction of flow, D-Concentration
- c) A-Dissolved oxygen, B-BOD, C-Concentration, D-Direction of flow
- d) A-BOD, B-Dissolved oxygen, C-Direction of flow, D-Concentration
- 276. The post Bhopal gas disaster analysis showed that the accident started, when the leakage of a tank started containing
  - a) Methyl isocyanide
- b) Methyl isocyanate
- c) Ethyl isocyanide
- d) Ethyl isocyanate
- 277. Undesirable changes in soil profile, affecting its productivity is called
  - a) Soil erosion
- b) Soil conservation
- c) Soil pollution
- d) Soil degradation
- 278. The diagram below show the biomagnification of DDT in an aquatic food chain. Choose the correct statement regarding this



- I. Biomagnification refers to increase in concentration of the toxicant at successive trophic levels II. High concentrations of DDT disturb calcium metabolism in birds, which causes thinning of eggshell and their premature breaking
- III. River water may have a very low concentration of DDT, but the carnivorous fish in that river may contain high concentration of DDT, which is still suitable for consumption by human beings Which of the statements given above are correct?
- a) I and II
- b) I and III
- c) II and III
- d) I, II and III
- 279. Which of the following problem is not created by noise pollution?
  - a) Silicosis
- b) Hypertension
- c) Sleeplessness
- d) Deafness
- 280. If global warming continues, the organism which may face more severe threat is

a) Cow b) Dogs	c) Snow leopard	d) Dolphin			
281. Domestic sewage contains					
a) Suspended solid b) Colloidal material	c) Dissolved material	d) All of these			
282. UV-rays are non-ionizing type and are lethal due to	inactivation of				
a) Proteins b) Pigments	c) Nucleic acid	d) All of these			
283. Which form of UV-radiation is allowed to pass throu	igh ozone and reach the ea	rth surface?			
a) UV-A b) UV-B	c) UV-C	d) None of these			
284. Measuring Biological Oxygen Demand (BOD) is a mo	ethod used for				
a) Measuring the activity of Saccharomyces cerevis.	<i>iae</i> in producing curd on a d	commercial scale			
b) Working out the efficiency of RBCs about their ca	pacity to carry oxygen				
c) Estimating the amount of organic matter in sewa	ge water				
d) Working out the efficiency of oil driven automob	ile engines				
285. Which of the following are true?					
I .Benzene hexachloride is a non-biodegradable poll	utant				
II. Anthropogenic air pollutants are natural in origin	ı				
III. Carbon monoxide is a primary air pollutant.					
IV. Sulphar dioxide causes brown air effect during to	raffic congestion in cities				
a) I and III b) I and II	c) II and III	d) II and IV			
286. Which of the following gases are the contributor to	the greenhouse effect?				
I. Carbon dioxide					
II. Methane gas					
III. Nitrous oxide					
IV. Chlorofluorocarbon	₽				
a) I, II and III b) II, III and IV	c) I, III and IV	d) I, II, III and IV			
287. Deforestation refers to					
a) Planting of trees	b) Cultivation of crops				
c) Disappearance of forests	d) Increasing plant popu	lation			
288. CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O and CFCsare called green house gases	s because they absorb and o	emit			
a) UV-rays b) Heat rays	c) X-rays	d) Gamma rays			
289. Which of the following are the main causes of air po	llution?				
I. Smoke from forest fires, volcanic eruptions					
II. Decomposition of garbage resulting in the release		•			
III. Burning of fossil fuels in automobiles and indust	ries releases particulate an	d air pollutants			
IV. Use of leaded petrol					
V. Particulate byproducts of various industries					
Which of the statements given above are correct?					
a) I, II and III b) II, III and IV	c) II, III, IV and V	d) All of these			
290. Which are the primary constituent of photochemical	=				
a) CO <sub>2</sub> and NO <sub>2</sub>	b) Hydrocarbons and CF				
c) SO <sub>2</sub> and CO	d) NO <sub>2</sub> and hydrocarbon	S			
291. It is used in refrigerator and air conditioners and it					
a) Benzopyrene b) Freon	c) Benzene	d) CH <sub>4</sub>			
292. Which of the following is a major source of radioact					
a) Leakage of radioactive materials from power pla	nts				
b) Unsafe disposal radioactive wastes					
c) Both (a) and (b)					
d) Solid waste disposal sites					
293. Slash and burn agriculture is called					
a) Ley farming	b) Commercial agricultui	re			

	c) Jhum cultivation (shifting cultivation)	d) All of the above			
294	294. One green house gas contributes 14% to total global warming and another contributes 6%. There are				
	respectively identified as				
	a) N <sub>2</sub> O and CO <sub>2</sub> b) CFCs and N <sub>2</sub> O	c) CH <sub>4</sub> and CO <sub>2</sub>	d) CH <sub>4</sub> and CFCs		
295	. Fly ash is a/an				
	a) Insectivorous plant	b) Light airborne par	ticulate matter		
	c) New name of orchid plant	d) Causal organism o	f various disease		
296	. Delhi is one of the most polluted cities of the worl	d. Which of the following	steps were taken by the		
	government to reduce vehicular pollution in Delhi	İ			
	I. Phasing out of old vehicles				
	II. Use of unleaded petrol				
	III. Use of low sulphur petrol and diesel				
	IV. Use of catalytic converters in vehicles				
	V. Applying stringent pollution level norms for vel	hicles			
	VI. Switch over of public transport from diesel/pe	trol to CNG			
	Which of the statements given above are correct?				
	a) I, II and III b) II, III, IV and V	c) I, III, IV and V	d) All of these		
297	. The beauty of Taj Mahal is endangered due to				
	a) Degradation of marble due to high temperature	e b) Discharge of indus	trial waste in Yamuna river		
	c) Air pollutants released from oil refinery	d) Riparian erosion			
298	. Jhum cultivation				
	I. Also called as slash and burn agriculture, is the f	arming practice in North	Eastern states of India		
	II. Farmers cut down the trees of forest and burn t				
	III. The ash is used as a fertilizer and the land is th	=	attle grazing		
	IV. After cultivation, the land is left for several year				
	Which of the statements given above are correct a				
	a) I, II and III b) II, III and IV		d) I, II, III and IV		
299	. As we travels along the food chain, the concentrat				
	a) Increases	b) Remains constant			
	c) Decreases	d) Fluctuates random	nly		
300	. Soil erosion can be prevented by	,			
	a) Increasing bird population	b) Afforestation			
	c) Removal of vegetation	d) Overgrazing			
301	. Which one of the following is not a bioindicator of				
	a) Sludge worms b) Blood worms	c) Stone flies	d) Sewage fungus		
302	. In India, at the beginning of the twentieth century		, ,		
	end of the century, it shrunk toB %	•	J		
	a) A-40; B-20.4 b) A-30; B-19.4	c) A-50; B-25.4	d) A-20; B-10.4		
303	. Effect of pollution is observed first on	,	,		
	a) Microorganisms b) Food crop	c) Green vegetation	d) Herbivores		
304	In India almost 40% forest have been lost in the		•		
	Here A and B refers to	, <b>v</b>			
	a) A-gangetic plains; B-deccan plateau	b) A-tropics; B-tempe	erate		
	c) A-temperate; B-tropics	d) A-western ghats; F			
305.	. Peroxy Acetyl Nitrate, a class of hazardous air poll		S Barrie branne		
200	I. $O_2$ II. $SO_x$ III. $NO_x$ IV. HC				
	a) I and III b) II and III	c) III and IV	d) II and IV		
306	. Which act was formulated in the year 1974?	o,	w, 11		
_ 5 5	a) The Water (Prevention and Control of Pollution	ı) Act			
	,	,			

	c) The Noise (Prevention	n and Control of Pollution) .	Act	
	d) The Environment (Pro	otection) Act		
307	Carbon monoxide causes			
	I. giddiness			
	II. headache			
	III. decreased vision			
	IV. Cardiovascular malfu	nction		
	V. asphyxia			
	Which of the statements	given above are correct?		
	a) I, II and III	b) II, III, IV and V	c) I, III, IV and V	d) I, II, III, IV and V
308	Clearing of waste water i	•		
		thod of sewage treatment		
	-	heavy metals through biolo	gical process	
		on like chemical processes		
	d) Enhance the need for	=		
309	Which of the following is			
	a) NO	b) NO <sub>2</sub>	c) SO <sub>2</sub>	d) PAN
310	When and where the ozo	· -	o, 202	,
010.	a) 1984, Antarctica	b) 1985, Antarctica	c) 1986, Arctic	d) 1987, Arctic
311.	-	weathering makes phosph		,,
011	a) Decomposers	b) Consumers	c) Producers	d) All of these
312	Terracing is done in	b) donoumers	ej rroducers	a) Im or mose
312	a) Desert areas	b) Hilly areas	c) Dry areas	d) Plain areas
313	= = = = = = = = = = = = = = = = = = =	thia coli in water indicates	ej biy areas	a) i lam areas
313	a) Hardness of water	intia con in water maleates	b) Industrial pollution	
	c) Sewage pollution		d) Pollution due to elec	etromagnetic radiation
314		ng pairs of gases are the ma		
JIT		ng pan s of gases are the me	ijoi cause of dicellinous	c chect:
			c) CO and N. O	$d) CO_{-}$ and $O_{-}$
	a) CO <sub>2</sub> and CO	b) CFCs and SO <sub>2</sub>	c) CO <sub>2</sub> and N <sub>2</sub> O	d) $\mathrm{CO}_2$ and $\mathrm{O}_3$
	a) CO <sub>2</sub> and CO In plants, air pollution ca	b) CFCs and SO <sub>2</sub> uses		, - ,
	a) CO <sub>2</sub> and CO In plants, air pollution ca a) Reduced growth and y	b) CFCs and SO <sub>2</sub> uses	b) Leads to premature	, - ,
315	<ul> <li>a) CO<sub>2</sub> and CO</li> <li>In plants, air pollution ca</li> <li>a) Reduced growth and y</li> <li>c) Both (a) and (b)</li> </ul>	b) CFCs and SO <sub>2</sub> uses rield	b) Leads to premature d) Wilting	death
315	<ul> <li>a) CO<sub>2</sub> and CO</li> <li>In plants, air pollution ca</li> <li>a) Reduced growth and y</li> <li>c) Both (a) and (b)</li> <li>Recent reports of acid ra</li> </ul>	b) CFCs and SO <sub>2</sub> uses rield nins in big industrial cities a	b) Leads to premature d) Wilting are due to the effect of ata	death
315	<ul> <li>a) CO<sub>2</sub> and CO</li> <li>In plants, air pollution ca</li> <li>a) Reduced growth and y</li> <li>c) Both (a) and (b)</li> <li>Recent reports of acid ra</li> <li>a) More release of NO<sub>2</sub> ar</li> </ul>	b) CFCs and SO <sub>2</sub> uses rield nins in big industrial cities and SO <sub>2</sub> by burning of fossil f	b) Leads to premature d) Wilting are due to the effect of ata uels	death mospheric pollution by
315	a) CO <sub>2</sub> and CO In plants, air pollution ca a) Reduced growth and y c) Both (a) and (b) Recent reports of acid ra a) More release of NO <sub>2</sub> ar b) More release of CO <sub>2</sub> by	b) CFCs and SO <sub>2</sub> uses yield uins in big industrial cities a nd SO <sub>2</sub> by burning of fossil for the solution of	b) Leads to premature d) Wilting are due to the effect of ata uels	death mospheric pollution by
315	a) CO <sub>2</sub> and CO In plants, air pollution ca a) Reduced growth and y c) Both (a) and (b) Recent reports of acid ra a) More release of NO <sub>2</sub> ar b) More release of CO <sub>2</sub> by c) Excessive release of N	b) CFCs and SO <sub>2</sub> uses rield uins in big industrial cities and SO <sub>2</sub> by burning of fossil for burning of coal /wood cut H <sub>3</sub> by coal gas / industries	b) Leads to premature d) Wilting are due to the effect of ato uels ting of forests and increa	death mospheric pollution by
315	a) CO <sub>2</sub> and CO In plants, air pollution ca a) Reduced growth and y c) Both (a) and (b) Recent reports of acid ra a) More release of NO <sub>2</sub> ar b) More release of CO <sub>2</sub> by c) Excessive release of CO d) Excessive release of CO	b) CFCs and SO <sub>2</sub> uses yield hins in big industrial cities and SO <sub>2</sub> by burning of fossil for burning of coal /wood cut H <sub>3</sub> by coal gas / industries O by incomplete combustion	b) Leads to premature d) Wilting are due to the effect of ato uels ting of forests and increa	death mospheric pollution by
315	a) CO <sub>2</sub> and CO In plants, air pollution ca a) Reduced growth and y c) Both (a) and (b) Recent reports of acid ra a) More release of NO <sub>2</sub> ar b) More release of CO <sub>2</sub> by c) Excessive release of Co Major cause of air pollution	b) CFCs and SO <sub>2</sub> uses yield hins in big industrial cities and SO <sub>2</sub> by burning of fossil for burning of coal /wood cut H <sub>3</sub> by coal gas / industries O by incomplete combustion	b) Leads to premature d) Wilting are due to the effect of atrivels ting of forests and increa	death mospheric pollution by sing populations
315	a) CO <sub>2</sub> and CO In plants, air pollution ca a) Reduced growth and y c) Both (a) and (b) Recent reports of acid ra a) More release of NO <sub>2</sub> ar b) More release of CO <sub>2</sub> by c) Excessive release of N d) Excessive release of CO Major cause of air polluti a) Domestic exhaust	b) CFCs and SO <sub>2</sub> uses yield hins in big industrial cities and SO <sub>2</sub> by burning of fossil for burning of coal /wood cut H <sub>3</sub> by coal gas / industries O by incomplete combustion	b) Leads to premature d) Wilting are due to the effect of atruels ting of forests and increa an of carbonaceous fuels b) Burning of cooking §	death mospheric pollution by sing populations gas
315. 316. 317.	a) CO <sub>2</sub> and CO In plants, air pollution ca a) Reduced growth and y c) Both (a) and (b) Recent reports of acid ra a) More release of NO <sub>2</sub> ar b) More release of CO <sub>2</sub> by c) Excessive release of C Major cause of air polluti a) Domestic exhaust c) Thermal power plant	b) CFCs and SO <sub>2</sub> uses rield ains in big industrial cities and SO <sub>2</sub> by burning of fossil for burning of coal /wood cut H <sub>3</sub> by coal gas / industries O by incomplete combustion in big cities is	b) Leads to premature d) Wilting are due to the effect of atriuels ting of forests and increa on of carbonaceous fuels b) Burning of cooking g d) Automobile exhaust	death mospheric pollution by sing populations gas
315. 316. 317.	a) CO <sub>2</sub> and CO In plants, air pollution ca a) Reduced growth and y c) Both (a) and (b) Recent reports of acid ra a) More release of NO <sub>2</sub> ar b) More release of CO <sub>2</sub> by c) Excessive release of N d) Excessive release of Co Major cause of air polluti a) Domestic exhaust c) Thermal power plant Which one of the following	b) CFCs and SO <sub>2</sub> uses vield  ains in big industrial cities and SO <sub>2</sub> by burning of fossil for burning of coal /wood cut H <sub>3</sub> by coal gas / industries O by incomplete combustion on in big cities is	b) Leads to premature d) Wilting are due to the effect of atriuels ting of forests and increa on of carbonaceous fuels b) Burning of cooking g d) Automobile exhaust	death mospheric pollution by sing populations gas
315. 316. 317.	a) CO <sub>2</sub> and CO In plants, air pollution ca a) Reduced growth and y c) Both (a) and (b) Recent reports of acid ra a) More release of NO <sub>2</sub> ar b) More release of CO <sub>2</sub> by c) Excessive release of N d) Excessive release of CO Major cause of air polluti a) Domestic exhaust c) Thermal power plant Which one of the followin a) Thousands of human is	b) CFCs and SO <sub>2</sub> uses vield  tins in big industrial cities and SO <sub>2</sub> by burning of fossil for burning of coal /wood cut H <sub>3</sub> by coal gas / industries O by incomplete combustion on in big cities is  ng statement is wrong in capeing died	b) Leads to premature d) Wilting are due to the effect of atrivels ting of forests and increa on of carbonaceous fuels b) Burning of cooking g d) Automobile exhaust	death mospheric pollution by sing populations gas
315. 316. 317.	a) CO <sub>2</sub> and CO In plants, air pollution ca a) Reduced growth and y c) Both (a) and (b) Recent reports of acid ra a) More release of NO <sub>2</sub> ar b) More release of CO <sub>2</sub> by c) Excessive release of C Major cause of air polluti a) Domestic exhaust c) Thermal power plant Which one of the followin a) Thousands of human is b) Radioactive fall out en	b) CFCs and SO <sub>2</sub> uses vield  ains in big industrial cities and SO <sub>2</sub> by burning of fossil for burning of coal /wood cut H <sub>3</sub> by coal gas / industries O by incomplete combustion on in big cities is  and statement is wrong in capeing died  agulfed Bhopal	b) Leads to premature d) Wilting are due to the effect of atrivels ting of forests and increa on of carbonaceous fuels b) Burning of cooking g d) Automobile exhaust	death mospheric pollution by sing populations gas
315. 316. 317.	a) CO <sub>2</sub> and CO In plants, air pollution ca a) Reduced growth and y c) Both (a) and (b) Recent reports of acid ra a) More release of NO <sub>2</sub> ar b) More release of CO <sub>2</sub> by c) Excessive release of N d) Excessive release of Co Major cause of air polluti a) Domestic exhaust c) Thermal power plant Which one of the followin a) Thousands of human is b) Radioactive fall out en c) It look place in the nig	b) CFCs and SO <sub>2</sub> uses vield  ains in big industrial cities and SO <sub>2</sub> by burning of fossil for burning of coal /wood cut H <sub>3</sub> by coal gas / industries O by incomplete combustion on in big cities is  and so in big cities is  and statement is wrong in capeing died gulfed Bhopal ht of December 2/3,1984	b) Leads to premature d) Wilting are due to the effect of atrivels ting of forests and increa on of carbonaceous fuels b) Burning of cooking g d) Automobile exhaust	death mospheric pollution by sing populations gas
315. 316. 317.	a) CO <sub>2</sub> and CO In plants, air pollution ca a) Reduced growth and y c) Both (a) and (b) Recent reports of acid ra a) More release of NO <sub>2</sub> ar b) More release of CO <sub>2</sub> by c) Excessive release of N d) Excessive release of C Major cause of air polluti a) Domestic exhaust c) Thermal power plant Which one of the followin a) Thousands of human I b) Radioactive fall out en c) It look place in the nig d) Methyl isocyanate gas	b) CFCs and SO <sub>2</sub> uses yield uses yield uses od SO <sub>2</sub> by burning of fossil for burning of coal /wood cut H <sub>3</sub> by coal gas / industries O by incomplete combustion on in big cities is uses uses uses uses uses uses uses us	b) Leads to premature d) Wilting are due to the effect of atrivels ting of forests and increa on of carbonaceous fuels b) Burning of cooking g d) Automobile exhaust	death mospheric pollution by sing populations gas
315. 316. 317.	a) CO <sub>2</sub> and CO In plants, air pollution ca a) Reduced growth and y c) Both (a) and (b) Recent reports of acid ra a) More release of NO <sub>2</sub> ar b) More release of CO <sub>2</sub> by c) Excessive release of C Major cause of air polluti a) Domestic exhaust c) Thermal power plant Which one of the followin a) Thousands of human I b) Radioactive fall out en c) It look place in the nig d) Methyl isocyanate gas Why ozone is known as	b) CFCs and SO <sub>2</sub> uses rield  ains in big industrial cities and SO <sub>2</sub> by burning of fossil for burning of coal /wood cut H <sub>3</sub> by coal gas / industries O by incomplete combustion on in big cities is  and statement is wrong in capeing died gulfed Bhopal ht of December 2/3,1984 leakage took place chemical weed'?	b) Leads to premature d) Wilting are due to the effect of atrivels ting of forests and increa on of carbonaceous fuels b) Burning of cooking g d) Automobile exhaust	death mospheric pollution by sing populations gas
315. 316. 317.	a) CO <sub>2</sub> and CO In plants, air pollution ca a) Reduced growth and y c) Both (a) and (b) Recent reports of acid ra a) More release of NO <sub>2</sub> ar b) More release of CO <sub>2</sub> by c) Excessive release of N d) Excessive release of Co Major cause of air polluti a) Domestic exhaust c) Thermal power plant Which one of the followin a) Thousands of human h b) Radioactive fall out en c) It look place in the nig d) Methyl isocyanate gas Why ozone is known as 'a a) Because it is formed b	b) CFCs and SO <sub>2</sub> uses yield  ains in big industrial cities and SO <sub>2</sub> by burning of fossil for burning of coal /wood cut H <sub>3</sub> by coal gas / industries O by incomplete combustion on in big cities is  age statement is wrong in capeing died agulfed Bhopal ht of December 2/3,1984 leakage took place chemical weed'? y chemical reactions	b) Leads to premature d) Wilting are due to the effect of atrivels ting of forests and increa on of carbonaceous fuels b) Burning of cooking g d) Automobile exhaust	death mospheric pollution by sing populations gas
315. 316. 317.	a) CO <sub>2</sub> and CO In plants, air pollution ca a) Reduced growth and y c) Both (a) and (b) Recent reports of acid ra a) More release of NO <sub>2</sub> ar b) More release of CO <sub>2</sub> by c) Excessive release of N d) Excessive release of C Major cause of air polluti a) Domestic exhaust c) Thermal power plant Which one of the followin a) Thousands of human I b) Radioactive fall out en c) It look place in the nig d) Methyl isocyanate gas Why ozone is known as a) Because it is formed b b) Because it is harmful a	b) CFCs and SO <sub>2</sub> uses yield  ains in big industrial cities and SO <sub>2</sub> by burning of fossil for burning of coal /wood cut H <sub>3</sub> by coal gas / industries O by incomplete combustion on in big cities is  age statement is wrong in capeing died agulfed Bhopal ht of December 2/3,1984 leakage took place chemical weed'? y chemical reactions	b) Leads to premature d) Wilting are due to the effect of atrivels ting of forests and increa on of carbonaceous fuels b) Burning of cooking g d) Automobile exhaust ase Bhopal gas tragedy?	death mospheric pollution by sing populations gas

b) The Air (Prevention and Control of Pollution) Act

· · · · · · · · · · · · · · · · · · ·	gnated as chemical weed					
320. Consider the following statements						
I. Noise causes psychological disorder in humans						
II. Noise causes physiological disorder in humans						
III. Noise measurabl	III. Noise measurable unit is dB but some times it is measured in Dobson unit					
IV. 150 dB is tolerat	e for human					
Which of the above :	statements are true?					
a) I and IV	b) I and II	c) I, II and IV	d) I and III			
321. Which of the following	ng gases does not cause acid	l rain?				
a) Sulphur dioxide	b) Methane	c) Nitrous oxide	d) Carbon monoxide			
322. Electrostatic Precipi	tator (ESP)					
I. Is an electrical dev	rice to remove particulate ma	atter present in the exhaust (	of thermal power plant			
II. More than 99% p	articulate matter can be rem	oved by this method				
III. ESP has electrod	e wires and a stage of collect	ing plates				
Which of the statem	ents given above are correct	?				
a) I and II	b) I and III	c) II and III	d) I, II and III			
323. The pollutants which	h are already present in natu	ıre, but are released in subst	antial amounts by man are			
known as	<b>3 1</b>		Ž			
a) Qualitative pollut	ants	b) Degradable pollutan	ts			
c) Primary pollutan		d) Quantitative polluta				
, , ,	sative factor of desertification					
a) Overgrazing		b) Human developmen	tal activities			
c) Irrigated agricult	ure	d) Population				
	ed to control pollutants of pa	_ , .				
a) Solvent recovery	The state of the s	b) Thermal oxidisers				
c) Electrostatic pred		d) Scrubber				
·	-		the plains andB % for the			
hills	of mala has recommen	ided 70 forest cover for	the plants andb /0 for the			
a) A-33; B-67	b) A-35; B-66	c) A-35; B-65	d) A-33; B-64			
$327. SO_2$ pollution is indi		c) 11 33, b 03	u) 11 33, B 01			
a) Desmodium (gr	=					
b) Sphagnum (mos	-					
c) Usnea (lichens)	,63)					
d) Cucurbita (climb	ners)					
328. Hydrogen sulphide	*					
a) Nausea	b) Eye irritation	c) Throat irritation	d) All of these			
	ng statements regarding dec	<del>-</del>	uj Ali oi tilese			
	environment favours decom	_				
		=				
c) Earthworm is a d	ate is slower if detritus is rich	i in cintin and fighin.				
•		to the soil harizan as unavei	lable calts is called			
•	oluble inorganic nutrients in	to the soil norizon as unavai	lable saits is called			
mineralisation	1 . 11					
330. Ozone layer is being		) (170	D.D L L			
a) SO <sub>2</sub>	b) NO <sub>2</sub>	c) CFCs	d) Photochemical smog			
	ng statement about polybler		·C· 1 1			
	han developed polyblend, a f		ified plastic			
	en mixed with bitumen to lay		.1 1:0 0			
	ces bitumen's water repellar		crease the life of road			
Which of the ctatem	ante givan abava ara carract	·)				

	a) I and II	b) I and III	c) II and III	d) I, II and III	
332.	32. Chipko movement				
	I. It is movement initially meant for protecting trees but now meant for preservation of environment including habitat and wildlife				
	<del>-</del>	s started in Garhwal, Himala	was in 1972 Shri Sundar La	al Rahuguna to prevent	
	cutting down of trees	starteu III Garriwai, filliaia	iyas III 1973 SIIII Sullual La	n Banuguna to prevent	
	_	trees to prevent their cuttir	ng by the contractor		
	Which of the statements	=	-8 -7		
	a) I and II	b) I and III	c) II and III	d) I, II and III	
333.	. Biochemical Oxygen Dem	and (BOD) in a river water			
	a) Remains unchanged w	hen algal bloom occurs			
	b) Has no relationship wi	th concentration of oxygen	in the water		
	c) Gives a measure of San	<i>monella</i> in the water			
		gets mixed with river wate	er		
334.	Noise pollution is measu				
	a) Decibels	b) Amperes	c) Fathoms	d) Ohm	
335.				Mahal and Red stone of Red	
	fort changed into calcium		•		
	a) Stone leprosy	b) Stone mosaic	c) Corrosion	d) None of these	
336.		not a device used to contro	•	,	
	a) Arresters		b) Scrubbers		
	c) Filters		d) Incinerator		
337.	. What was the aim of Chip	oko movement?			
	a) Human rights	731	b) Political rights		
	c) Agricultural expansion		d) Forest (plant)conserva	ition	
338.	. Which one of the followin		, (1 )		
	a) Greenhouse effect is a	-			
	•	tural phenomenon in freshv	vater bodies		
		ve been lost in tropical areas			
	•	f atmosphere is harmful to a			
339.		ution Control Board (CPCB)		diameter (in micrometres)	
		sponsible for greatest harm		,	
	a) 2.5 or less	b) 1.5 or less	c) 1.0 or less	d) 5.2 or 2.5	
340.	Lichens are described as	•	,	,	
	a) Air pollution				
	b) Water pollution				
	c) Soil pollution				
	d) Agriculture productivi	ty			
341.		ghest relative contribution t	to the green house gases a	re	
	a) CO <sub>2</sub> and CH <sub>4</sub>	b) CH <sub>4</sub> and N <sub>2</sub> O	c) CFCs and N <sub>2</sub> O	d) $CO_2$ and $N_2O$	
342.	. Which of the chemical re		,	, , ,	
	a) $CFCl_3 \xrightarrow{UV-C} CFCl_2 + C$		b) $CF_2Cl_2 \xrightarrow{UV-C} CF_2Cl Cl$		
		7J			
	c) $NO + O_3 \xrightarrow{hv} NO_3 + O$		d) $NO_2 + O_3 \xrightarrow{hv} NO_3 + O_3$	_	
343.		ion of non-degradable pollu			
	a) Biomagnification	b) Eutrophication	c) Biome	d) Ecotone	
344.		containsA wastes which	n are readily decomposed v	with the help ofB Here	
	A and B refers to		1241.		
	a) A-inorganic; B-bacteri	a	b) A-biodegradable; B-de	composers	

c) A-cnemical; B-micr	oorganisms	a) A-Synthetic; B-bacter	na		
345. Which insecticide is more hazardous to human health?					
a) Rotenone	b) Pyrethrum	c) DDT	d) Humulin		
346. Which of the following statement is/are not correct regarding biomagnification?					
I. Heavy metals and pe	ersistent pesticides pass into	food chain and increases in	n amount per unit weight of		
organisms with the ris	se in trophic level due to thei	ir accumulation in fat			
II. Accumulation of zir	ic can cause thinning of eggs	hell in birds			
III. DDT accumulation	is a major cause of killing of	fish-eating birds			
IV. Biomagnification o	ccurs only in marine food ch	ain			
a) I and II	b) II and III	c) II and IV	d) I and III		
	lowing, the BOD (Biochemic				
(DE), paper mill efflue	ent (PE) and sugar mill efflue		d in ascending order?		
a) $SE < S < PE < D$	E	b) $SE < PE < S < DE$			
c) $PE < S < SE < D$	E	d) $S < DE < PE < SE$			
348. Decibel (dB) is a stand	lard abbreviation used for th	ne quantitative expression o	of		
a) The density of bact	eria in a medium	b) A particular pollutan	t		
c) The dominant <i>Baci</i>	<i>llus</i> in a culture	d) A certain pesticide			
349. Eutrophication is ofte	n seen in				
a) Fresh water lakes	b) Ocean	c) Mountains	d) Deserts		
350. Mercury pollution cau	ses				
a) Black foot disease		b) Itai-itai disease			
c) Blue-baby syndron	ie	d) Minamata disease			
351. Which of the following	g is not shortwave radiation?				
a) X-rays	b) Radio waves	c) Ultra-violet rays	d) Cosmic rays		
352. Euro II norms were st	ipulated to control				
a) Carbon content	b) Sulphur content	c) Nitrogen content	d) Phosphorus content		
	GPLUS EDU	CATION			

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