ENVIRONMENTAL STUDIES

1.	The term Environment a) Environ	has been derived from b) Oikos	the French C) Geo		means to encircle of d) Aqua	or surround
2.	The term environment a) Jacob Van Verkul	was introduced by b) Tyler Miller	c) Gilb	ertson	d) <u>Eugene P Odu</u>	<u>m</u>
3.	Environment is the life a) Air	e support system that in b) Water	cludes c) Land	d	d) All of the abov	<u>re</u>
4.	,	about environmental c ntally appropriate beha		s	d) All of the abov	r <u>e</u>
5.	Which of the following a) Atmosphere	g conceptual spheres of b) Lithosphere		ronment is havi rosphere	ng the least storage d) Biosphere	capacity for matter?
6.	Which of the following a) Atmosphere and Hy c) Hydrosphere and I	drosphere	vironme		and Lithosphere	er?
7.	Amount of CO ₂ content a) 0.21%	t in atmospheric air is b) 0.416%	normally	c) <u>0.318%</u>	d) 0.428%	
8.	About% of a) 53%	the earth is covered by b) 19%	water	c) <u>71%</u>	d) 33%	
9.	Percentage of fresh wa a) 2.8 %	ter available on earth is b) 2.2%	3	c) 0.6 %	d) 2.15 %	
10.	Among fresh water ava	ailability on earth, the p b) 0.5%	ercentag	ge of groundwate c) <u>0.8%</u>	er is about d) 1.0%	
11.	The rain forms represe a) Dry deposition	nted by snow, dew, fog b) <u>wet deposi</u>		st is known as c) acid rain	d) none	
12.	The temperature in the a) 25° C to 55° C	stratosphere ranges ber b) <u>-56^o C to -</u>		c) 10 ⁰ C to -5 ⁰	C d) none	
13.	Troposphere mainly co a) CO ₂	onsists of b) H ₂	c) O ₃		d) <u>O₂ and N₂</u>	
14.	The volume of nitroger a) 85%	n present in the troposp b) 78%	here is	c) 21%	d) 5%	
a)]	Inverse condition is the Increase in temperature	re with altitude	b) Dec	•	ture with altitude temperature with la	ntitude
	Carbon content is high a) Soil Atmosphere consists o	b) atmosphere f 79 per cent Nitrogen a			•	
18.	a) Volume The major atmospheric	b) Weight c gas layer in stratosphe	ere	c) Density	d) All the	three

Hydrogen b) Carbon dioxide	c) <u>Ozone</u>	d) Helium	
19. UV-C radiation lies in the reginal 0-100 nm	on b) <u>100-280 nm</u> c) 280-	315nm d) 3	15-400 nm
20. Which atmospheric sphere is of a) <u>Troposphere</u>	closest to the earth surface b) Stratosphere	ce? c) Mesosphere	d) Exosphere
21. The largest reservoir of nitrogoa) Oceans	en in our planet is b) Atmosphere	c) biosphere	d) Fossil fuels
22. Which among the components a) Atmosphere	is termed as a life zone b) Hydrosphere	on the earth? c) Biosphere	d) Stratosphere
23. Biosphere isa) The solid shell of inorganicb) The thin Shell of organicc) The sphere which occupiesd) All of the above	matter on the surface o	of earth comprising	of all the living things
24. Loss of water content through a) Evaporation	plants into atmosphere i b) Transpiration	is called c) Vaporization	d) Hydraulic cycle
25. Which of the following is absorbeda) <u>Carbon dioxide</u>	orbed by green plants fro b) Water	om the atmosphere? c) Nutrients	d) All of above
26. The word Ecology is proposed a) Ernst Haeckel	l by b) Helena Curtis	c) Charles Southwic	k d) Charles Alton
27. The science that deals with the a) economics	e relationship of various b) geology	organisms with their c) ecology	environment is known as d) anthropology
28. Habitat refers toa) Physical conditions of the pb) Chemical conditions of the	•		c) Both a & b d) None of the above
29. Which of the following is a bid a) Fungi	otic component of an eco	osystem? c) Temperature	d) Humidity
30. In an ecosystem, the flow of each a) Bi-directional	nergy is b) Cyclic	c) <u>Unidirectional</u>	d) Multidirectional
31. Which Pyramid is always upria) Energy	ght? b) Biomass	c) Producers	d) Food chain
32. The organisms who directly fe a) Herbivores	ed on producers are call b) Carnivores	led c) Decomposers	d) Saprophytes
33. The sequence of eating and bea) Food Chain	ing eaten in an ecosyste b) Carbon cycle		le d) Anthropogenic system
34. Which of the below is a produa) Plants and some bacteriab) Animals	•	heir own food d) F	ish
35. In aquatic ecosystem phytopla a) Consumer	nkton can be considered b) Producer	l as a c) Saprophytic organ	nisms d) Macro consumer
36. The basic requirements of hun	nan beings are provided	by	

a) Industrialization	b) Agriculture	c) <u>Nature</u>	d) Urbanization
37. In an ecosystem biola) Producer	ogical cycling of materials is b) Consumer	s maintained by c) Decomposer	d) All of the above
38. Organisms which fee a) Prey	ed directly or indirectly on probability b) Consumers	roducers are called c) Decomposers	d) Detritus
	ers in a forest ecosystem are caining trees and plants	b) Herbivores d) Bacteria and c	other micro-organisms
40. Abiotic components a) Soil	include b) Temperatures	c) Water	d) <u>All the above</u>
41. Which of the follow a) Green plants are c) Biotic component	_	· · · · · · · · · · · · · · · · · · ·	pends on consumers epend on Carnivores
42. A predator isa) An animal that isc) Animal that feeds	fed upon upon both plants and animal		nat feeds upon another anima nsumer
43. Which among the foa) Pressure	llowing is a climatic factor? b) Humidity	c) Temperature	d) <u>All of the above</u>
44. Which of the follow a) Forest	ing is the terrestrial ecosystem b) Grass land	m? c) Desert	d) <u>All of the above</u>
45. Ecological pyramids a) Pyramid of number		omass c) Pyramid of energy	d) <u>All of the above</u>
a) Balance between	For balanced ecosystem are predator and prey b) competing species and biotic	Balance between vegetation, factors	herbivores and carnivorous d) All of the above
47. A food web consists a) A portion of a foo c) Interlocking food	d chain	b) an organisms position d) a set of similar consu	
c) <u>Energy can be</u> Environment	on nature imited, so one can use them	to another, but some perc	centage is lost into the
,	ing is not a desirous chemica b) Carbon di-oxide		d) Nutrients
	gion in which		

52.	The term ecosystem wa) Jacob Van Verkul	ras first proposed by b) A.G. Tansley	c) Costana	d) Marie Gibbs
53.	The two major composes a) Adiabatic & isotrope c) Cyclic & biologic	•	b) Ecological & climatologica d) <u>Abiotic & biotic</u>	al
54.	Biotic components inc a) <u>All living organism</u> c) Self-nourishing gree	<u>18</u>	b) Water, minerals and gases d) Light, temperature, etc	
55.	Food chain is divided		categories	
	a) Four	b) <u>Three</u>	c) Five	d) Seven
56.	The transfer of energy a) Energy chain		g group of organisms to another lanced ecosystem d) Foo	in a series is called od web
57.	A simple food chain st a) green plants c) both of these	tarts with	b) waste of organisms and dead) none of these	ad organisms
58.	In a food chain human a) Primary consumers c) Primary and secon		b) Secondary consumers d) Producers	
59.	Tendency of pollutants a) Bioremediation	s to become concentrated in su b) Biomagnification	ccessive trophic levels is known s c) Biopiracy	as d) Biorhythm
60.	Social security is one of a) Worker/employee	of the most important programs b) Un-employed	s providing benefits to c) Families of deceased	d) All of these
61.	Anthropological activities a) Natural activities		c) Wild animal activities	d) <u>Human activities</u>
	a) Food must be availac) Food utilized/consu	med must fulfill nutritional rec	b) Each perso	n must have access to it bove
03.		neasured on the basis of our market and Employment	c) Work, Job and Skills	d) All of the above
64.	a) Fairness & equity inb) Welfare of the present	ity in environmental aspects in a distribution costs for complet ent generation rational equity of resources		above
65.	_	dia adopted the National Housi		
	a) <u>1998</u>	b) 1999	c) 2000	d) 2001
a)]	Agricultural revolution 1000 – 2000 years ago 30000 – 50000 years ag	_	b)1 million years ago d) 10000 – 20000 years ago	
	Intensive agriculture le <u>Nitrogen</u>	ed to deposition of excessive q b) Phosphorus	uantity of into aqua c) Sulphur	tic and terrestrial ecosysten d) None
	Engineering interventi Construction of Dam re		es not alter the characteristics of b) Construction of levees	river ecosystem is

c) Channelization

d) Construction of retention ponds

69. Which of the follow a) High salinity	ing in agriculture does no b) release of SO ₂		tive effect on e	nvironment? d) loss of soi	l fertility
70. Which of the follow a) Methemoglobinemia	ing is not caused by the u b) Eutrophication		-	? Salinity of Soils	s d) <u>None</u>
71. Application of pestion a) 10 fold	cides has increased the fo	ood production b c) 100 fold	у	d) none	
72. Pesticide causes a) Eye irritation	b) Skin irritation	c) Respiratory	y ailments	d) <u>All these</u>	
73. Increased use of pes a) genetic damage	ticides causes b) genetic resistance	c) <u>both a and</u>	<u>Lb</u>	d) none	
74. Eutrophication isa) an improved quality ofc) the result to accumulate	of water in lakes llation of plant nutrient	s in water bod	i <u>es</u>		in carbon cycle orification techniqu
75. Major purpose of man a) Power generation	ost of the Dams around the b) Drinking w		c) Flood con	itrol d) <u>ir</u>	rigation
76. Which of the follow a)Using chemical fertilize	ing is the most environment in the control of the c	• •	griculture pract c) <u>Organic f</u>		one of the above
77. The adverse effect of a) Water pollution	of modern agriculture is b) Soil degradation	c) Wa	ter logging	d) <u>All of the</u>	above
78. Soil erosion remove a) Organic matter	s surface soil which conta b) Plant nutrients		th a and b	d) None of the	ne above
79. Water logging is a p a) Crop patterns are rota c) Erosion of soil		b) Soil root z d) None of the		saturated due t	o over irrigation
80. The Impact of consta) Submerges forestd) All of the above	ruction of dams b) Loss of wil	d life habitat	c) Damages	downstream eco	osystem
b) It takes 300 years for c) the amount of erosion	ing statement is false? roductivity of agriculture one inch of agricultural to depends on soil type, slo retain water and nutrie	op soil to fill ope, drainage pa		p management.	
82. Which of the follow					
*	downward through		ands carries v	with it dissolve	d chemicals and
ntaminates ground water	er ractice does not contamin	nata watar	d) N	one of the above	a
83. Farmers have a tend a) Use optimum quantity c) To conserve water	ency to		,	rrigate their cr	
84. Organic Farming is a) Farming without us	ing pesticides and chem	ical fertilizers	b) Eı	nhances bio-div	ersity

	c) Promotes soil biological	activity		d) All of the	above
	85. Which of the following a) Air pollution from dust	g are major environmen	tal issues invol c) <u>Soil degrac</u>	ved in agriculture?	
	86. Effect of modern agric a) Erosion	ulture on soil is due to b) Acidification	c) Salinization	d) <u>A</u>	Ц
	87. During the last 30 year a) 40%	rs, the percentage decrea b) 60%	ase in agricultur c) <u>30%</u>	ral land due to urbaniz d) 0%	ation is about
	88. The main impact of urba) Increase in species	oanization on plant and b) Mutation in		c) Both a & b	d) <u>Loss of species</u>
	89. Urban solid waste is kna) garbage	nown as b) rubbish		c) refuse	d) <u>all</u>
	90. Which of the following a) Decrease in agriculture			s of water bodies	d) <u>All these</u>
<u>pr</u>	 91. Ecosystem is disturbed a) Large volume of ravoduced c) Majority of housing prod) Standard of living is income. 	b) Housing is a jects are concentrated in	k, stone, timber required to proven cities only	er, cement, steel pla vide shelter to growing	stic etc are required to be population
	92. Major problem/s due to a) Urbanization	o industrialization is /ar b) Migration of people		velopment of slums	d) <u>All these</u>
	93. Which of the following a) Solid waste	g is not the environment b) Water pollution		ustrialization in genera pollution	al? d) <u>Economics</u>
	94. Sulphur dioxide is used a) Paper manufacture b	d in) Textile manufacture •	c) <u>Processing o</u>	f fossil fuels d) Bo	oth (a) and (b)
	95. The most important resa) Industry should be closec) Industry should treat ad) Industries should be shi	ed all the wastes generate	b) Do	n't allow new industria	ıl units
	96. Bhopal gas tragedy occ a) 1974	curred in the year b) 1984		c) 1994	d) 1979
	97. Bhopal Gas Tragedy can Methyl Iso Cyanate (M	_		c) Mustard gas	d) Methane
	98. Mining meansa) To conserve & preservec) To extract minerals an		b) to check pod) None	ollution due to mineral	resources
	99. Mining of ores is done a) sub-surface mining	by b) tunneling	c) only	y sub-surface mining	d) both a and b
	a) Brings order into social c) Present mining activity d) Mining has no adverse 6	setup is a sustainable develop	ment	vastation of ecosyster emote areas	<u>n</u>

101. Mining practices l a) Population growth		c) Loss of grazing and fert	ile land d) None of these
102. Which of the follo a) Air pollution and dust		ental issues involved in mining c) Soil degradation	ng activity? d) <u>All these</u>
103. The type of mass in a) Rock-fill	movement characterized by b) Mud flow	y a slow and gradual down s c) <u>Creep</u>	lope movement is known as d) Landslide
104. In order to protecta) Plant trees alongsidec) Shift them (people) to	e of the roads	g along the adjoining areas of b) Not allow diesel d) None of the above	driven vehicles
		cular activities depends on nicle c) Traffic congestion	d) All of the above
106. E.I.A can be expansa) Environment & Industrialc) Environmental Impart	strial Act	b) Environment & Impact A d) Environmentally Importa	
107. E.I.A is related to a) Resource conservatio c) Waste minimization	n	b) Efficient equipment/procd) <u>All of the above</u>	ess
108. Environmental ima) is a study of feasibilitb) is a study of bio-physc) Both a and b	y of a project	environment that may result and downward of the above	
109. EIA study will hela) Maximizing the beneb) To estimate the futured) To cope up with rapid	efits without overloading e needs of the society	-	mentation of the project
,	nentally economic growth	b) Encourages environme tainable forms of economic §	
spoiling the likely potential b) Reasonable and equit c) Development that me their own needs	elopment, which optimizes for similar benefits in the ably distributed level of ec- eets the needs of the prese	future conomic well being that can l	e ability of future generations to meet
112. Sustainability requ	-		_
a) Conservation of resou			etion of non-renewable resources d) All the above
	inable development was o	defined for the first time by	the world commission on economic
development a) 1985	b) <u>1987</u>	c) 1989	d) 1991

114. Sustainable development means

a) Meeting present needs without compromising on the future needs

c). Balance between huma	an needs and the ability	of Earth to prov	vide the resources	, d) <u>All the above</u>
115. What would you do a) Plant trees	to prevent environment b) Halt defores		c) Control pollu	ntion d) All of the above
		MODULE-	<u>II</u>	
1. About % c a) 53% b) 19%		•	er 90%	
 The average annual per a) 1700 m³ b) 720 			vailable in the wo 2700 m ³	orld is about
3. The oceans are the lara) 95% of earths waterc) 97% of earths water	gest storage of water on	earth containin b) 85% of ear d) 75% of ear	th's water	
4. Among the fresh water a) 50%	er available in the earth, b) 10%	the percentage c) 5%	of surface water i d) <u>less than 1%</u>	
5. What is the percentag a) 0.0001%	e of fresh water availabl b) 0.001%	e in lakes and s c) <u>0.01%</u>	treams? d) 0.1%)
6. Hydraulic cycle is relateda) Water cycle and balancec) water characterization		b) Water and d) Hydropowe	•	
7. The surface water rea) 400 million hectare mc) 100 million hectare m	eters	b) 600 million	n hectare meters on hectare meter	
8. Water used for irrigation of food crops, fodder crops and medical herbs is known as				
	b) Commercia	_	c) Productive u	se d) Auxiliary use
9. Which of the followin a) Precipitation	,	l use	,	•
	ng is not a part of the hyd b) Infiltration	l use drological cycle	?	•
a) Precipitation10. The ground water ava	g is not a part of the hyd b) Infiltration ilability depends on b) Geological	l use drological cycle formations	c) Transpiration c) Run off e plains of Netray	d) Perspiration d) All of the above
a) Precipitation10. The ground water avaa) Amount of rain fall11. In India ground watera) Plains of rivers Kaveri	g is not a part of the hyde b) Infiltration ilability depends on b) Geological is rich in and Krishna	l use drological cycle formations b) The d) The Deccar	c) Transpiration c) Run off e plains of Netray	d) Perspiration d) All of the above
 a) Precipitation 10. The ground water ava a) Amount of rain fall 11. In India ground water a) Plains of rivers Kaveri c) The Gangetic plains 12. Surface runoff can be 	g is not a part of the hyder b) Infiltration ilability depends on b) Geological is rich in and Krishna stored in b) reservoirs	l use drological cycle formations b) The d) The Deccar	c) Transpiration c) Run off e plains of Netrav n plateau h a and b	d) Perspiration d) All of the above ati and Kapila
 a) Precipitation 10. The ground water ava a) Amount of rain fall 11. In India ground water a) Plains of rivers Kaveri c) The Gangetic plains 12. Surface runoff can be a) ponds 13. Which among the following 	eg is not a part of the hyder b) Infiltration ilability depends on b) Geological is rich in and Krishna stored in b) reservoirs owing is a perennial rive b) Penner	l use drological cycle formations b) The d) The Deccar c) bote er c) Nar	c) Transpiration c) Run off e plains of Netrav n plateau h a and b rmada er BIS	d) Perspiration d) All of the above ati and Kapila d) none d) Tapti

16. Blue baby syndrome (methaemoglobinemia) is caused by the contamination of water due to

a) Phosphates	b) Sulphates	c) Arsenic	d) <u>Nitrates</u>
17. Excessive Nitrates (ab a) Fever	bove 45 mg/L) in drinking water b) Cough & chill	causes c) <u>Blue baby disease</u>	d) Gastro Enteritis
18. Out of the following ra) Nitrogen	nutrients in fertilizer, which one b) Phosphorous	causes minimum water c) Potassium	pollution? d) Organic matter
19. What is the permissib a) 6 to 9	le range of pH for drinking water b) 6.5 to 7.5	ers as per the Indian Star c) 6 to 8.5	ndards? d) <u>6.5 to 8.5</u>
20. Water without fluorid a) Corrosion	e causes b) <u>Dental cavities</u>	c) Scale formation	d) Tooth decay
21. Fluorosis is caused du a) No fluoride intake	ne to b) <u>Excess fluoride intake</u>	c) Low fluoride intake	d) None of these
22. What is the maximuma) 1.0 milligram per literc) 1.50 milligram per liter	allowable concentration of flucter	b) 1.25 milligram per ld) 1.75 milligram per ld)	liter
23. Excess fluorides in dr a) Blue babies	inking water is likely to cause b) Fluorosis	c) Taste and odor	d) Intestinal irritation
24. Disfigurement in the ta) Mercury	teeth is caused by excessive amount b) Nitrate	ount of c) <u>Fluoride</u>	d) Lead
25. The organ of a baby u a) Kidney	sually damaged by lead poisoni b) lungs	ng is c) <u>liver</u>	d) heart
26. The per capita consua) 300 liters	umption of water for domestic b) 400 liters	c purposes in USA is c) 250 liters	d) 700 liters
	ess allowed in drinking water is b) 1000 mg/L	•	d) 750 mg/L
28. Temporary hardness (a) chloride hardness	of water is due to b) manganese hardness	c) calcium hardness	d) <u>carbonate hardness</u>
29. Excess of Iron in water a) hardness	er is likely to cause b) taste	c) color	d) <u>all</u>
30. The required Iron con a) 300 mg/l	tent in drinking water as specifi b) 30 mg/l	ed by BIS is c) 3 mg/l	d) 0.3 mg/l
a) Using contaminated sev	fecal and urinary discharges into	water bodies d) By eating contamina	ated food
32. Cholera & typhoid are a) Worms	e caused by b) Virus	c) Bacteria	d) Fungus
33. Malaria is a) water borne disease	b) mosquito induced disease	<u>c</u> c) both a and b	d) none
34. Cholera is caused by a) Vibrio cholerae	the bacteria	b) Cholea salmonella	

c) Treponema petagium cl	nolerae	d) Clostridium botulinum		
35. Hepatitis is caused by a) Protozoa	b) Virus	c) Bacteria	d) Fungus	
36. Typhoid, cholera are ea) Viral infection	examples of <u>b) Bacterial infection</u> c) Prof	tozoan infection d) Nor	ne of these	
a) Treatment of disease	e diseases can be achieved effectors of waste water & protecting the	b) By	consuming mineral water d) By vaccination	
a) Contaminated water	patitis-A and E are caused due t b) Solar radiation owing disease is not a stage of a b) Diarrhoea	c) Radioactivity	d) Electromagnetic radiation d) Chikungunya	
,	owing disease is not a large scal b) Keratosis	,		
41. In water treatment alu a) softening	m is used for b) coagulation	c) filtration	d) disinfection	
42. Aeration of water rem a) suspended solids	oves b) dissolved gases	c) dissolved salts	d) none	
43. The process of decompa) reduction	posing organic waste in the pres b) oxidation	sence of air is called c) incineration	d) pulverizing	
44. Biological treatment of a) sedimentation chamber	<u> </u>	c) grit chamber	d) trickling filter	
45. Facultative bacteria ca a) Presence of oxygen	nn exist in which type of enviror b) Absence of Oxyger		d) None of these	
46. Mineral is a) organic matter b) n	aturally occurring inorganic s	substance c) synt	hetic compound d) none	
47. India has the largest sla) Manganese	nares of which of the following <u>b) Mica</u>	c) Copper	d) Diamond	
48. Mineral resources are a) Renewable	b) Available in plenty	c) Non renewable	d) Equally distributed	
49. Deep deposits of mine a) Surface mining	rals are removed by b) Subsurface mining	g c) Open pit mining	d) Dredging	
50. Which of the followin a) Asbestos	g is not a natural mineral? b) feldspar	c) Phosphate	d) Nitrogen	
51. The earth's land surface a) 1/4	ce covered by forest is about b) 2/3	<u>c) 1/3</u>	d) 1/5	
52. Forest rich area in Kar a) Western Ghats	rnataka is found in b) Bandipur	c) Nagarahole	d) Mangalore	
53are referred to a) Forests	as Earth's lungs. b) Carbon cycles	c) Water sources	d) Mines	

54. Forests are effective a) Oxygen	ve sinks of b) Carbon di-oxide	c) Nitrogen oxides	d) all
55. Mangroves area) desert plantsc) forest in tidal zone	s in equatorial and tropical co	b) high altitude pl pasts d) none	ants
a) Provide clean water	ely important because they and clean air nd a change from the hectic urb	· · · · · · · · · · · · · · · · · · ·	e habitat for wild life <u>e</u>
*	ns est land for the wild life t land for agriculture/pasture/ho	b) Planting trees in the d) Not managing	n the cities the forest properly
58. Deforestation mea a) Preservation of fore		c) mono-crop cultivation	d) agriculture
59. Deforestation cana) Increase the rain fal	b) Increase soil fertility c)	Introduce silt in the rivers d)	None of these
60. What percentage of a) 23%	f its geographical area of a courb) 43% c)	ntry should be under forest cov 13%	er? d) 33%
61. Plants useg a) Oxygen	•	Nitrogen	d) Carbon dioxide
	ility through rapid leaching of t Deforestation c) Over ex		s due to ing forest products
63. During photosyntha) Oxygen b)	nesis, trees produce Carbon dioxide c) Nitroge.	n d) Carbon	Monoxide
-	roots c) leaves	les in their d) buds	
65. Major causes of de a) Shifting cultivation		Raw materials for industries	d) All of these
66. The major carbon a) Rivers	storage in the carbon cycle is b) Atmosphere c)	Oceans	d) Trees
a) Forests reduce erosi	wing statements about forest is on f economic development	not correct? b) Provides recreational o d) None of the above	pportunities
68. The depletion of trans a) NO ₂	ees is causing accumulation of b) SO ₂ <u>c)</u>	$\underline{\mathrm{CO}_2}$	d) O ₂
69. As per the FAO deforestation is	efinition, the maximum percent	age of depletion of tree crown	cover, that can be considered as
a) 50%	b) 60% c)	70%	d) 90%
a) fossil fuel	ce, among the following which b) metallic minerals	is a renewable resource is c) non-metallic minerals	d) forests
_	r bacteria in sulphur cycle exchange of sulphur within eco	system	<u>c) Both a & b</u>

b) Converts the dead plant	d) None of these		
72. Nitrogen fixation from a) Monocotyledon	n the atmosphere is high in which b) Leguminous	ch type of plants c) Both a & b	d) None
73. Facultative bacteria ca a) Presence of oxygen	an exist in which type of enviror b) Absence of Oxygen	nmental conditions c) Both a & b	d) None of these
74. Which among the foll a) respiration	owing is not concerned to Carbo b) combustion of fossil fuels	•	d) transpiration
75. The movement of carba a) Atmosphere & Biosphere c) Geo-sphere & Atmosph		ed carbon cycle. b) Atmosphere & Hyd atmosphere. Hydrosp	*
76. Plants can take up nitr <u>a) NH₄+& N0₃</u>	rogen in two forms b) NH ₃ & N ₂	c) NO ₃	d) NO ₂
77. Conversion of ammora) Mineralization	nium to N03 by chemical oxidati b) Leaching	on is termed as c) Nitrification	d) De-nitrification
78. Nitrogen fixing bacter a) Leaf	ria exist inof plants. b) Roots	c) Stem	d) Flower
<u>-</u>	and rocks in the form of b) Sulphates of Zn & Fe	c) Nitrates of Zn & Fe	d) Sulphides of Zn & Fe
80. Conversion of nitrates a) Nitrification	s into gases of nitrogen is called b) Nitrogen fixing	c) Reduction	d) De-nitrification
81. Fixation of Nitrogen i a) Lightening	s done by <u>b) Fixing bacteria</u>	c) Fertilizer factory	d) All of the above
_	owing is considered as a sedime b) nitrogen cycle	entary cycle c) carbon cycle	<u>d) all</u>
83. Energy is measured in a) Blu	b) Bhu	c) Btu	d) Ntu
84. One Joule of energy is a) 0.2389 calories	s equivalent to b) 23.89 calories	c) 238.9 calories	d) 2.389 calories
85. The average annual per a) 35 GJ	er capita energy consumption in b) 125GJ	developed countries of c) 195 GJ	the world is of the order by d) 245 GJ
86. Which of the followin a) Fossil fuels	g is not a renewable source of e b) Solar energy	nergy? c) Tidal wave energy	d) Wind energy
87. Which of the followin a) Highly polluting	g is a disadvantage of most of the b) High waste disposal cost	he renewable energy sou c) Unreliable supply	urces? d) High running cost
88. The total percentage of a) 18	of non-renewable energy sources b) 82	s available is c) 30	d) 6
89. Good example of rene a) Hydro power	ewable energy sources is b) Coal	c) Oil	d) All these
90. Identify the non-renewa) Coal	wable source of energy from the b) Fuel cells	following c) Wind Power	d) Wave power

91. Which resources are in a) Renewable	nexhaustible? b) Fossil fuel	c) Non renewable	d) Mineral
92. Renewable energy is a) Primary source	b) Secondary source	c) Tertiary source	d) None of these
93. Which of the following a) Wind energy	g is a non-conventional source of b) Solar energy	of energy? c) Biogas	d) All of the above
94. Solar radiation consist a) UV	s of b) Visible light	c) Infrared	d) All of these
95. Oil and Gas are preferation	red because o b) Cheap	c) Strong smell	d) All of These
96. Fossil fuels are conver a) Burning	ted into energy by b) Cooling	c) Sublimation	d) Melting
97. Annual oil consumption a) 3.25 million tones	on in India is about b) 325 million tones	c) 32.5 million tones	d) 3.25 billion tones
98. The energy consumption a) 42%	on for global transportation is b) 24%	c) 4%	d) 34%
99. Natural gas contains a) Carbon dioxide	b) Hydrogen	c) Methane	d) nitrogen
100. Use of Compressed a) Dec 2000	Natural Gas (CNG) came into e b) Dec 2002	ffect from c) Dec 2004	d) Dec 2006
101. The basic element of a) Sulphur b) Pho	f fossil fuel is sphorous c) Cart	oon d) Oxy	gen
102. The fossil fuel which a) Coal	h causes maximum environment b) Oil	tal pollution due to its u c) Natural gas	se in generation of thermal power is d) None of these
103. Highest producer of a) Middle East countries	•	c) China	d) India
•	of fuels cannot be brought about b) Changing lifestyles	by c) Reducing car taxes	d) Both a & b
105. Which of the follows a) Biogas	ing source of energy is less eco-b) Wind	friendly? c) Nuclear	d) solar
106. Harnessing the wind a) Wind Mill	energy is done by b) Ball mill	c) Flour Mill	d) Pig mill
107. Coal is a dirty fuel to a) Oxygen	b burn, mainly because it emits b) Nitrogen	c) Hydrogen	d) sulphur-di-oxide
108. About ¾ of the coal a) Karnataka	deposits are found in b) Tamil Nadu	c) Kashmir	d) Bihar &Orissa
109. Wind Farms are loca a) River basin	ated in b) Plain area	c) Hilly area	d) Valley area
110. Wind energy genera a) Direction of wind	tion depends on b) Velocity of wind	c) Humidity	d) Precipitation

111. With a minimum real Solar radiation	source maximum energy can be b) Wind	created by c) Nuclear fuels		d) tidal waves
a) Accident risk when tan	ing is a hazard of a nuclear pow kers containing fuel cause spill he power plant remains highly to during processing	-		d) All of these
113. The most important a) U -235	fuel used by nuclear power plan b) U-238	nt is c) U-245		d) U-248
114. Nuclear power is be a) Carbon-14	ing produced from b) nuclear fission	c) petroleum combusti	ion	d) natural gas
115. The energy released a) 100 MeV	by the decay of one U-235 atom b) 10 MeV	m will be of the order of c) 200 MeV	2	d) 2000 MeV
116. One gram of uranium a) 0.5 MW	m – 235 can give electrical ener b) 3 MW	gy equivalent to c) 1 MW		d) 100 MW
117. Nuclear fusion uses a) Carbon	the following as a fuel b) Helium	c) Hydrogen		d) water
118. Which of the follow a) Graphite	ing is used as moderator in the b) Helium gas	nuclear reactor? c) Heavy water		d) All of the above
119. Nuclear wastes is ac a) 5 years	tive for b) 10 years	c)50 years		d) centuries
•	lisaster occurred in the year			_
a) 1984	b) 1952	c) 1986	d) 198	7
•	b) 1952 ear disaster occurred in a power b) June 1986		ŕ	7 ober 1986
121. The Chernobyl nucl a) December 1986	ear disaster occurred in a power	plant at Ukrine was in	ŕ	
121. The Chernobyl nucla) December 1986122. Nuclear power plant	ear disaster occurred in a power b) June 1986 t in Karnataka is located at	plant at Ukrine was in c) April 1986	ŕ	ober 1986
121. The Chernobyl nucla) December 1986122. Nuclear power planta) Bhadravathi123. Biomass consists of	ear disaster occurred in a power b) June 1986 t in Karnataka is located at b) Sandur b) Hemi cellulose	plant at Ukrine was in c) April 1986 c) Raichur	ŕ	ober 1986 <u>d) Kaiga</u>
 121. The Chernobyl nucla a) December 1986 122. Nuclear power planta a) Bhadravathi 123. Biomass consists of a) Lignin 124. Biogas is produced 	ear disaster occurred in a power b) June 1986 t in Karnataka is located at b) Sandur b) Hemi cellulose by b) Harvesting crop	c) April 1986 c) Raichur c) Cellulose	ŕ	ober 1986 d) Kaiga d) All of the above
121. The Chernobyl nucla) December 1986 122. Nuclear power planta) Bhadravathi 123. Biomass consists of a) Lignin 124. Biogas is produced a) Microbial activity 125. Biomass power general Crops 126. Most popular biogas a) 0.5 m³/day 127. Percentage methane	ear disaster occurred in a power b) June 1986 t in Karnataka is located at b) Sandur b) Hemi cellulose by b) Harvesting crop eration uses b) Animal dung s plants in rural India have a cap b) 3 m³/day content of biogas is	c) Raichur c) Cellulose c) Both a & b c) Wood c) acity of c) 10 m³/day	d) Octo	d) Kaiga d) All of the above d) None of the above d) All of these d) 25 m³/day
121. The Chernobyl nucla a) December 1986 122. Nuclear power planta a) Bhadravathi 123. Biomass consists of a) Lignin 124. Biogas is produced a) Microbial activity 125. Biomass power genera) Crops 126. Most popular biogas a) 0.5 m³/day	ear disaster occurred in a power b) June 1986 t in Karnataka is located at b) Sandur b) Hemi cellulose by b) Harvesting crop eration uses b) Animal dung s plants in rural India have a cap b) 3 m³/day content of biogas is b) 85 tel composed mainly of dioxide	c) Raichur c) Cellulose c) Both a & b c) Wood pacity of	d) Octo	d) Kaiga d) All of the above d) None of the above d) All of these d) 25 m³/day

130. Which is the source a) Coal	of energy that can be replaced a b) Petroleum	at the same rate at which c) Oil	it is used? d) Biomass
131. Cow Dung can be use a) as Manure	sed b) for production of Bio gas	c) as fuel	d) all of the above
132. Sulabh biogas plants a) Human excreta	s are based on the use of b) Cattle dung	c) Agriculture waste	d) None of these
133. India's position in b a) 5 th	io gas plants globally b) 2 nd	c) 4 th	d) 7 th
134. Molasses from suga a) Biodiesel	r industry is used to generate b) Hydrogen	c) Bioethanol	d) Biomethanol
135. Electromagnetic rad a) Light	iation energy is an energy in the b) Wave	form of b) Heat	d) All these
136. The source of Electral Sun	omagnetic radiation is b) Wind	c) Tide	d) Water
137. Electromagnetic rad a) 3 x 10 ⁶ m/sec	iation propagates energy with a b) 3 x 10 ⁸ m/sec	velocity of c) 3 x 10 ¹⁰ m/sec	d) 3 x 10 ¹² m/sec
138. Direct conversion ofa) Solar photo voltaic systc) Solar thermal system	f solar energy is attained by em	b) Solar diesel hybrid a d) solar air heater	system
139. The quantity of sola a) 5%	r energy received by the earth is b) 15%	c) 99%	d) 45%
140. Solar energy is store a) Carbon-carbon bonds		c) Fossil fuels	d) Biomass
141. Electromagnetic rad a) Plague	iation can cause b) Malaria	c) Cancer	d) Dengue Fever
142. Energy obtained fro a) Thermal energy	m Earth's hot interior is called b) Biomass energy	c) Geo-thermal energ	d) None of these
b) Energy in ocean w c) Energy in ocean	y technology that converts les of ocean to generate electricity vaves to generate electricity due to thermal gradient to generate ocean currents to generate	erate electricity	
144. Hydropower potentia) 4 x 10 ¹¹ MW hours	al of India is estimated to be b) 4 x 10 ¹¹ kW hours	c) 40 x 10 ¹¹ kW hours	d) 4 x 10 ¹¹ MW hours
145. In Hydropower plan a) Hot springs	ts power is generated by b) Wind	c) Sun	d) Water
146. Mini hydro-power p a) 100 MW	lants can generate energy upto b) 1000 MW	c) 15 MW	d) 500 MW
147. Which place in India a) Goa	the tidal energy has been exper- b) Karnataka	imented? <u>c) Kerala</u>	d) Tamil Nadu
148. Tidal power plants ar	re not preferred by environmenta	alists because	

	a)b)c)d)	Tidal power is a re Tidal power can be Tidal power stati None of these	e develo		cal changes	in sensitiv	e coastal ecosy	<u>stem</u>
		9. Which is considered a Wind	as the er b) Hyd		c) Ocean		d) None of the	ese
). Problems of Hydroge storage and distribution			c) creates p	ollution	d) None of the	above
		l. Hydrogen can be pro Cracking of ammonia			c) Both a &	z b	d) Gasification	1
		2. Hydrogen is found or Sulphur	n earth ir b) Heli		c) Copper		d) Oxygen	
		3. Hydrogen energy can neat pumps	be tapp b) fuel		c) photovolt	taic cells	d) gasifiers	
		1. The sources of Hydro Biomass	gen are b) Coa	1	c) Water		d) All these	
		5. Which of the following CNG	ng is cor b) Ker	nsidered as an alternate fosene	fuel? c) Coal		d) Petrol	
				MODU	ULE-III			
	1.	Environmental pollution a) Rapid Urbanization		e to b) deforestation	c) Afforesta	ation	d) a & b	
glo		The human activity, a impact is	mong th	e following, which caus			-	having regional and
		a) Agriculture		b) urbanization	c) Industrial	lization	d) Mining	
	3.	Which of the following a) Springs	g source	is surface water? b) Streams	c) Deep wel	lls	d) All	
	4.	Domestic sewage is a) Waste water genera c) Waste water from re		n kitchens and bathroom al areas		Vaste water Vone of the	generated from	n industries
	5.	The term Refuse general Putrescible solid was	-	ich does not include is b) Excreta	c) Non Putro	escible soli	d waste	d) Ases
	6.	Which of the following a) Factories		int source of water pollurage treatment plants	ıtion? c) Urban an	d Sub-Urba	an lands	d) a and b
	7.	Which of the following a) Automobiles	g are nat b) Sew	tural sources of environi	mental pollut c) Earth qua		d) Inde	ustries
	8.	Which of the following a) Factories	_	on point source of water rage treatment plants c)	-	uburban laı	nds d) All of t	he above
	9.	Non-point source of wa) Pipes	ater pol	•	c) Ditches		d) Mir	ning wastes
	10.	Which of the following	g are bio	odegradable pollutants?				

	a) Plastics	b) Don	nestic sewage		c) Dete	ergent		d) All	
11.	Which of the following a) Biodegradable organ c) Inorganic substance	nic wast	•	ng water	b) Non	n? biodegradabl e of these	e organic	chemicals	
12.	The liquid waste from a) Sullage		nd kitchens is conestic sewage	alled	c) Stor	m waste		d) Run off	
13.	BOD Means a) Biochemical oxygen	n deman	d b) Chemical	oxygen	demand	c) Biophysic	cal oxygei	n demand d) All	
14.	BOD is a measure of a) Non biodegradable c) Both a and b	organic	matter			legradable org e of these	ganic matt	er	
15.	Physical pollution of wa) Dissolved oxygen	vater is o			c) pH		d) none	e of these	
16.	Bio-remediation mean a) Soil		noval of contar te water		rom undwate	r d) Bo	oth Soil ar	nd Groundwater	
17.	Discharge of industrial a) Depletion of dissolv c) Impairing of biologi	ed oxyg	gen		b) Des	truction of aqu hese	atic life		
18.	Which of the following a) Sewage treatment p	_	ajor source of the b) Thermal pe	_		of water bodic c) Solid was		ıl d) all	
19.	Which of the following a) Software industry	g industr	ry generates co b) Textile indu		ste?	c) Biomedica	ıl industry	d) none	
20.	Smog is a) Natural phenomeno	n	b) Combination	on of smo	oke and	fog c) Colorle	ess d) Al	ll of the above	
21.	Air pollution from auto a) Electrostatic precipi		s can be contro b) wet scrubbe	•	_	lytic converte	r	d) all of the above	;
22.	Air pollution control d a) Cyclone precipitator c) Settling chambers		uitable for rem	oving du	b) Fab	air are ric filters trostatic preci	pitators		
23.	Which of the following a) Forms complex with c) formed by the in-co	h hemog	lobin				nplex witl	h leg-hemoglobin	
24.	Which of the following a) Oxides of Nitrogen c) Suspended particular	_		ollutant?	b) Vola d) PAN	•	ompounds	s like hydrocarbons	;
25.	Which of the following a) Carbon monoxide	g is a sec	condary air pol b) Sulphur dic			c) Ozone		d) Carbon dioxide	<u>;</u>
26.	Longer exposure to NO a) Liver	O ₂ even	in small concer b) Lung	ntrations	may cat	ise disease per c) Kidneys	rtaining to	d) Heart	
27.	Which of the following a) CFC	g gases i	s having maxir b) N ₂ O	num GW	/P?	c) CH ₄	d) CO ₂	2	

har		The air pollutant which cause I to human health is a) Fluorine	es severe damage to plants b) Ozone	, even at much lower con	d) None of these
	29.	Which of the following is majoral Accident involving vehicles b) Pesticides and chemical fertiles	or cause of soil pollution? that are transporting waste	,	
	30.	"Minamata Disease" is caused a) Lead	due to b) Arsenic	c) Mercury	d) Cadmium
	31.	Important sources of land polle a) Industrial wastes	ution are b) Agricultural practices	c) Both (a) & (b)	d) None of these
	32.	Which of the following is the sa) Vehicular exhaust	source of fly ash? b) sewage	c) Thermal power pl	ant d) All
	33.	Which of the following are not a) Plastics	n-biodegradable? b) Domestic sewage	c) detergent	d) a and c
	34.	Smog is combination of a) Smoke and fog	b) Snow and fog	c) Smoke and snow	d) All these
	35.	Many people died in London of a) Smog	luring 1952 due to b) Fog	c) Mist	d) Smoke
	36.	Smelting of metallic minerals a) Carbon dioxide	into copper, lead and zinc rob) Nitric Oxide	_	d) Hydrogen sulphide
	37.	The unit of measuring noise/so a) Decibels	ound is b) Joule	c) ppm d) į	ıs
	38.	Definition of Noise is a) Loud sound	b) Unwanted sound c)	Constant sound d) So	ound of high frequency
	39.	Sound beyond which of the fo		ed as a pollutant 120 dB d)15	0 dB
	40.	Blaring sounds known to cause a) Mental distress		Neurological problems	d) All of the above
		Noise pollution is controlled ba) Reducing the noise at the so	•	smission c) Protecting the	receiver d) All
	42.	Noise pollution can be minimi a) Urbanization	zed by b) Maintaining silence	c) Reducing noise at	source d) none
	43.	Noise pollution limits at reside a) 45dB	ential area b) 80dB	c) 55 dB	d) 90 dB
	44.	Noise pollution limits in indus a) 45dB	trial area b) 80 dB	c) 65dB	d) 90 dB
	45.	The maximum average permis	sible noise levels during da	ny time hours as per envir	onment protection act in India
IS		a) 30 dB	b) 45 dB	c) 50 dB	d) 55 dB

MODULE-III

1.	Population explosion va) Biodiversity		on ecosystem	c) More employment	d) None of these
2.	Population explosion v a) Socio economic pro		b) Food scarcity	c) Energy crisis	d) All these
3.	In 1960 the world popula) 1 billion	ılation was b) 3 billio		c) 5 billion	d) 7 billion
4.	The world population i a) 8 billion	n 2000 wa b) 6.1 bil		c) 4 billion	d) 4.5 billion
5.	Urban population of In a) 300 million	ndia as per b) 533 m		c) 285.3 million	d) 415 million
6.	Every year World's A a) December 1 st	IDS day is b) Decen		c) December 14 th	d) December 23 rd
7.	The primary reason fo a) Improved environm b) Both a and b			on death rate during 20 th centur b) Improved medical care and d) None of these	
8.	Which of the followin a) India	g is having b) China	high population den	sity? c) USA	d) Western Europe
9.	The major cause of gloa) Decreases in death		ation growth in the 18) Decrease in birth ra	8th and 19th centuries was tes c) Industrial revolution	n d) None of these
10	The average life expectal Decreasing	ctancy arou b) Increa		ntly c) Not changing	d) Stabilizing
11	Which of the followina) Increase resource coc) Food and energy sh	onsumption		with population growth? b) Environmental pollution d) None of these	
12	The major objectives of a) Disease control			ndia is trol c) Employment generation	d) None of these
13	Population ageing isa) the increase in the ac) The trend where mo			b) The result of decrea while fewer children are born	ased death and birth rates d) All of the above
14	Which of the followina) Doubling time			c? ss domestic product growth rate	e d) Infant mortality rate
15	Demography is the stua) Animals behavior	•	ion growth	c) River d) Nor	ne of these
16	Which of the followin a) Better communication	-	-	eople enjoy? air c) Large land at cheap rate	es d) none of these
17	Urbanization isa) Local environmenta	al issue b) National environme	ental issue c) Both a & b	d) Not at all an issue
18	Which of the following a) Decrease in agricult	-		c) Loss of water bodie	s d) All these
19	Which of the following a) Air pollution	-	e effect of urbanization	on? c) Solid waste production	d) Noise pollution

	20.	Which of the following a) Reducing fossil fuel		-	-	c) De-forestat	ion	d) None of the above
		The meaning of global a) Increase in the temper	_	mate b) Planet hot	ter than ear	th c) Solar rac	diation	d) Cooling effect
	22.	Global warming may base a) Increase in the rain base in the rain base and the rain base and the rain base and the rain base are the rain base and the rain base are the rain b	-	he following chang b) Desertificat		nate of the ear c) Droug		d) All of the above
	23.	Which green house gas a) Methane	s is known a b) (ammable, s c) Nitrous		and la	ughing gas? d) Sulfur hexa fluoride
	24.	Green house effect cau a) Rise in temperature d) Lowering of temper	of earth		ease in rain	fall o	e) Low	ering of acid rain
	25.	 a) Bio fuels like Ethanol and bio diesel b) Fossil fuels like coal and lignite c) Nuclear element like Uranium d) Voltaic cells 						
	26.	Which of the following a) Carbon dioxide		llutant? Oxygen	c) Nitroge	n (d) Parti	iculate matter
27. The number of people dying annually over the world due to indoor air pollution is of the order of a) 1 Million b) 1.5 Million c) 3 Million d) 5 Million								
 28. Which of the following substantially reduces CO₂ emission from automobiles? a) Bio fuels like Ethanol and bio diesel b) Fossil fuels like coal and lignite c) Nuclear element like Uranium d) Voltaic cells 					nite			
the		The major green house owing is a) Carbon monoxide		is responsible for o	causing abu	_		ouse effect on earth among
	30.	The protocol that reduce a) Kyoto protocol	_	use gas emissions a Cartagena protocol		Montreal prot	tocol	d) Vienna protocol
	31.	Which of the following a) Hydro chlorofluorod			c) C0 ₂	(d) S0 ₂	
	32.	Global Warming could a)Climate		in Sea level	c) Melting	g of glaciers		d) All the above
	33.	Carbon dioxide reacts a) H ₂ CO ₂	with moistur b) H ₂ CO ₃	re in the atmospher	re forming c) COH ₂			d) CaHCO ₃
	34.	Which of the following a) Carbon dioxide	g is not a gre b) Ozone	en house gas?	c) Water v	apour		d) Sulphur dioxide
	35.	Climate and global air a) Water and air	circulations b) Temper	•	d by propert c) Precipi			d) None of these
	36.	The natural disastrous	events like	volcanoes, earthqu	uakes, cyclo	ones bring ab	out en	vironmental changes which
are		a) Irreversible	b) Reversib	ole	c) Both a	and b		d) None of these
	37.	Which among the follo	owing does n	not constitute a part	of a good o	lisaster manag	gement	system?

	a) Rescue and evacuationd) None of these	b) Sheltering and Reha	abilitatio	on c) Exe	cution a	nd engineering works
38.	The major automobile pollutar a) CO, NO _x , Hydrocarbons an c) CO ₂ , NO _x , Hydrocarbons an	d SPM,		b) CO, NOx, H d) CO, NO _x , F		
39.	The pollution caused by transpa) Type of vehicle engine	oortation/vehicular activ b) Age of vehicle	ity depe	ends on c) Traffic cong	gestion	d) All these
40.	Petroleum based vehicles emit a) CO & NO _x	traces of b) SPM		c) Aldehydes		d) CH ₄
41.	Heavy duty diesel vehicles con a) NO _x b) Part	ntribute more iculate matter	c) CO		d) Both	n a and b
	Major pollutants from light pe a) CO and Hydrocarbons	trol vehicles are b) CO and NO _x c) CH ₄	and CC	O ₂ d) All	the abov	ve
	The 4-stroke engines produce a) CO and Hydrocarbons	less of the following as b) NO _x and SO ₂	-	ed to 2-stroke en a and b	_	ne of the above
44.	Alternative eco-friendly fuel for a) Petrol	or automobiles is b) Diesel	c) CNO	G	d) Kero	osene
45.	Green house gas emission from a) 16%	n burning fuel in autom b) 10%	obiles is c) 20%		d) 5%	
46.	Increase in asthma attacks has a) Nitrogen	been linked to high level b) Oxygen		borne dust parti	cles	d) All the above
		MOD	ULE-IV	<u>7</u>		
1.	The term acid rain was coined a) 1952	in the year b)1852	c) 1652	2	d) 1752	2
2.	The pH value of the acid rain value of the ac	water is less than b) 7.0	c) 8.5		d) 7.5	
3.	The highest pH value of acid a) 4.5	rain recorded was b) 5.7	c) 7.2		d) 3.0	
4.	Acidity in rain is measured by a) Barometer	b) Hygrometer	c) Amı	meter	d) pH 1	meter
5.	The primary cause of the acid a) CFC	rain around the world is b) SO ₂	c) CO		d) O ₃	
6.	Acid rain affects a) Materials	b) Plants	c) Soil		d) All t	these
7.	Acid rains are more prominent a) Temperate regions b) Tro		id regio	ns d) Equ	ally pro	minent in all regions
8.	Which of the following is the a) Reducing the release of oxid from sulphur c) Use of electrons	des of nitrogen and sulp	hur in to	the atmospher	e	b) Use of coal, free d) All of the above

9. Acid rain has been increasing day by day due to

	a) Urbanization	b) industrialization	c) incre	ease in vehicle	population	d) none of the above
10.	The major contributors a) <u>Precursors</u>	s to the acid rain are known b) Processors	own as c) Proto	ons	d) Pollutant	S
11.	The important gaseous a) SO ₂ and NO _x	s pollutants contributing b) CO ₂ and H ₂ S	g to acid 1 c) NO _x		d) None of	these
12.	Acid rain can be contral Reducing SO ₂ and No. Increasing number of	10_2 emissions.		b) Reducing ox d) Increasing the		
13.	Atmospheric oxidation a) Sunlight.	n of S0 ₂ to S0 ₃ is influer b) Humidity	-	ence of hydroca	rbons	d) All of these
14.	Reduction in brightness a) Global warming.	ss of the famous Taj Ma b) Air pollution		e to c) Ozone deple	etion	d) Afforestation.
15.	Stone cancer or stone a) UV rays	leprosy is caused by b) Green house effect		c) Acid rain		d) Ozone depletion
16.	The effect of acid rain a) Reduces soil fertilit c) Causing respiratory	y.		b) increases att	mospheric te	mperature.
17.	17. Which of the following is not an ill effect of add rain?a) results in killing fishb) causes stone leprosyc) leaches nutrients from the soild) causes cataract.					
18.	The movement of nutral a) Infiltration	rients from soil by acid i b) Transpiration		lled c) Leaching		d) Exfiltration
19.	The process of movem a) Transpiration.	nent of nutrients from th b) Evapo- transpiration	•	the Acid rain is c) Leaching	s called	d) Infiltration.
20.	Ozone layer is present a) Troposphere	in b) Stratosphere		c) Mesosphere		d) Thermosphere
	Ozone layer thickness a) PPM	is measured in b) PPB		c) Decibels		d) Dobson Units
22.	Normal average thicks a) 230 DU	ness of stratospheric ozo b) 300 DU	•	across the glob c) 400 DU	e is around	d) 500 DU
23.	Formation of ozone la a) Rosenmund reaction	yer is explained by n b) Henderson's reac	tion,	c) Chapman's	reaction. d)	Perkins's reaction
	a) Ozone is a major co	g statements about ozon instituent of photochemic the harmful UV radiation	ical smog	g	c) Ozone is d) All of the	highly reactive e above
25.	Major compound responsible of the compound of the compound responsible of the compound	onsible for the destructi b) CFC		atospheric ozon c) Carbon diox	•	d) Methane
26.	Each Chlorine free Ra a) 1000	dical can destroy the following b) 10,000	llowing r	number of ozon c) 1,00,000	e molecules.	d) 100
27.	Freons are a) HFC	b) CFC		c) NFC		d) Hydrocarbons.

28.	. Chloro Fluro Carbon's a) Non toxic	s (CFC) are b) Non flammable		c) Non carcino	genic	d) All the above
29	Ozone layers absorbs a) UV rays	b) Infra red rays		c) Cosmic rays	S	d) CO
30.	Ozone hole was first of a) Arctic`	discovered over b) Antarctica		c) tropical regi	on	d) Africa
31.	CFCs have been used a) Solvent	as b) refrigerants	c) blow	wing agents for p	oolymer forms	d) all of these
32	World Ozone day is base a) September 5th	eing celebrated on b) October 15 th	c) <u>Sep</u>	tember 16th	d) Sep	tember 11 th
33.	The international protoa) Vienna protocol	ocol to protect the Ozon b) Kyoto protocol	e layer i	is c) Cartagena p	rotocol	d) Montreal protocol
34	a) Ozone is a major co	g statements about ozon onstituent of photochemic from the harmful UV rad	ical smo	og	b) Ozone is hig d) All of the al	
35.	a) Snow blindness	es b) Photochemical smo	g	c) acid rain		d) vomiting
36	Which of the followina) it is a part of agricuc) it is livestock produ	•	bout ani	•	g, feeding and r	management of animals.
37.	Which of the followina) conservation of anionc) conservation of wile		al husba	andry? b) production (d) conservation		
38.	Domesticated animalsa) Dairy products.	are used for b) Production of fiber		c) Production of	of meat	d) All of these
39.	Animal husbandry resa) Global warming	ults in b) Acid rain		c) Ozone deple	etion	d) none of these
40	Live stock wastes rele a) NH ₄	ease large amount of b) NH ₃	into e	environment. c) NO ₃		d) NO ₄
41.	a) Plant science	husbandry is called b) Soil science		c) Animal scie	nce	d) Human science
	of education?	-			nment educatio	on compulsory subject at all
2.	a) 2000Environmental protecta) Govt. of India	b) 2001ion is the responsibilityb) NGOs	of	c) 2002c) Individual		d) 2003 d) All
3.	Earth Day is held ever a) June 5th	ry year on b) November 23rd		c) April 22nd		d) January 26 th
1	World Environment de	av is on				

	a) 5th May	b) 5th June	c) 18th July	d) 16th August
5.	•	ction) Act was enacted in the ye	•	<i>a, comercingua</i>
	a) 1986	b) 1992	c) 1984	d) 1974
	The environment act able to all states of India	was enacted by Indian parliame	ent under article 253 of the con	nstitution of India and made
шррпос	a) 1974	b) 1981	c) 1986	d) 1989
7.	The Air (Prevention & a) 1981	c Control of Pollution) Act was b) 1996	enacted in the year c) 2000	d) 1974
8.	The Water (Prevention a) 1986	n & Control of Pollution) Act w b) 1974	ras enacted in the year c) 1994	d) 2004
9.	The Wild Life Protect a) 1986	ion Act was enacted in the year b) 1974	c) 1994	d) 1972
10	a) 1986	tion) Act was enacted in the yea b) 1974	r c) 1980	d) 1972
11.		environmental protection Act to ection Act b) The Air Act	be promulgated in India was c) The Noise Pollution Act	d) None of the above.
12	Which is the first cour a) Spain	ntry to amend laws for punishme b) Brazil	ent of crimes related to environ c) United states	mental pollution? d) Japan
13.	The Environmental (Pa) Water	Protection) Act 1986 deals with: b) Air	c) Soil	d) All.
14	Environmental Protec a) 51-A	tion is the fundamental duties of b) 48-A	f the citizen of India under the Ac) 47	Article: d) 21
15.	a) To preserve the bio c) Protection & conserve		is: maintain essential ecological an	d life supporting systems
16	a) Environmental (Pro	Control Board was established otection) Act 1986 & Control of Pollution) Act 197	b) Air (Prevention & 0	Control) Act 1981
17.	. The Karnataka State F a) 1974	Pollution Control Board (KSPCI b) 1982	B) was established in the year c) 1986	d) 1976
18	. Which of the followin a) Narmada Bachao A	_	c) KSPCB	d) None
19	as per the Environmental Central Govt.	g is empowered to take measure nt (Protection) Act? b) State Government	es to protect & improve environ c) Corporation	d) None
20.	Which of the followin a) Center for Science c) Indian Environmen		lustrial effluents? b) State Pollution Control Boad) None	ard
21	The leader of Chipko a) Sunderlal Bahugun	movement is:	,	uresh Heblikar
22.	The Tiger Conservation	on Project was started in:		

	a) 1973	b) 1984	c) 1999	d) 2004			
23.	•	Parks & Wild life Sanctuaries is ational trading of animals & thei ild Life		b) To evacuate tribal people from forest d) None of the above.			
24.	Environmental educata a) General public	tion is targeted to: b) professional social groups	c) Technicians	& Scientists d) All			
25.	Which of the following a) Black buck	ng animals is endangered specie b) Elephant	s of India? c) Fox	d) Giraffe			
26.	Which State is having a) Karnataka	highest women literacy rate in b) Punjab	India: c) Rajasthan	d) Kerala			
27.	What is the percentag a) 65%	e of women literacy rate of Indi b) 55%	a according to ce c) 54.16%	ensus 2001? d) 75.85%			
28.	Which of the following a) 1965 – 75	ng was UN decade for women? b) 1975 – 85	c) 1985 – 95	d) 1995 – 2005			
29.	An International Conta) Kyoto	ference on Environmental Educ b) Vienna	ation was held in c) New-Delhi	December 1982 at: d) London			
30.	First World Environmental Conference was held at a) Stockholm, 5 th June 1972 b) Johannesburg, 5 th June 1972 c) Rio-de-genero, 5 th June 1992 d) none						
31.	Second World Environmental Conference was held at a) Stockholm, 5 th June 1972 b) Johannesburg, 5 th June 1972 c) Rio-de-genero, 5 th June 1992 d) none Third World Environmental Conference was held at a) Stockholm, 5 th June 1972 b) Johannesburg, 5 th June 2002 c) Rio-de-genero, 5 th June 1992 d) none The objectives of Integrated Child Development Services (ICDS) are: a) Immunization b) Health check up & referral services c) Pre-school and non-formal education d) All the above						
32.							
33.							
34.	The country which ha	s the largest number of child lab b) Bangladesh	bourers in the wo	orld is d) Pakistan			
convin	35. The Pakistani boy, who while working for a NGO 'Bonded Labour Liberation Front', widely traveled Europe to convince customers not to buy Pakistani carpets because they were being prepared by poor children who worked overtime, who was later killed in 1995 was a) Ehson Ullah Khan b) Iqbal Masiah c) Imran Khan d) None of these						
36.	36. ISO 14000 standards deal with: a) Pollution Management b) Risk management c) Environmental Management d) none of the above						
37.	World summit on sustainable development was held at a) Johannesburg in 2002 b) Rio de Janeiro in 1992 c) Kyoto in 1994 d) Stockholm in 2000						
	a) UNICEF	b) Green Peace c) WF Earth Summit was held at b) Rio de Janeiro		d) CPCB d) Stockholm			
40.	Silent Valley movemental Waste management		nceling the state	government Hydel project and saving			

d) all the above

	the Lion- Tailed Monk	c) Promoting m	narine fishery business in Keral	a d) None of the above		
41.	The committee which education is a) Tiwari Committee	•	overnment of India on Environ c) Banerjee Committee	mental d) Agarwal Committee		
42.	The main objectives of family welfare programs in India is a) Disease control b) Population growth control c) Employment generation d) None of these					
43.	How many Indian state a) 12	es have so far set up Stat b) 14	te Human Rights Commissions' c) 16	? d) 28		
44.	The Mahila Arthik Vika) 1955	kas Mandal (MAVIM) w b) 1965	vas setup in the year c) 1975	d) 1985		
45.	The method of rain water harvesting which can be best adopted by local governments or panchayats is a) construction of check dams across local streams b) construction of recharge trenches in village ponds and storm water drains c) creation of new water bodies like ponds					