		22000	
Register Number		*1	

ENVIRONMENTAL SCIENCE (Degree Standard)

Time Allowed: 3 Hours]

[Maximum Marks: 300

FAEVS

Read the following instructions carefully before you begin to answer the questions.

IMPORTANT INSTRUCTIONS

- The applicant will be supplied with Question Booklet 15 minutes before commencement of the examination.
- 2. This Question Booklet contains 200 questions. Prior to attempting to answer the candidates are requested to check whether all the questions are there in series and ensure there are no blank pages in the question booklet. In case any defect in the Question Paper is noticed it shall be reported to the Invigilator within first 10 minutes and get it replaced with a complete Question Booklet. If any defect is noticed in the Question Booklet after the commencement of examination it will not be replaced.
- 3. Answer all questions. All questions carry equal marks.
- 4. You must write your Register Number in the space provided on the top right side of this page. Do not write anything else on the Question Booklet.
- 5. An answer sheet will be supplied to you, separately by the Room Invigilator to mark the answers.
- 6. You will also encode your Question Booklet Number with Blue or Black ink Ball point pen in the space provided on the side 2 of the Answer Sheet. If you do not encode properly or fail to encode the above information, action will be taken as per commission's notification.
- 7. Each question comprises four responses (A), (B), (C) and (D). You are to select ONLY ONE correct response and mark in your Answer Sheet. In case you feel that there are more than one correct response, mark the response which you consider the best. In any case, choose ONLY ONE response for each question. Your total marks will depend on the number of correct responses marked by you in the Answer Sheet.
- 8. In the Answer Sheet there are four circles (A), (B), (C) and (D) against each question. To answer the questions you are to mark with Blue or Black ink Ball point pen ONLY ONE circle of your choice for each question. Select one response for each question in the Question Booklet and mark in the Answer Sheet. If you mark more than one answer for one question, the answer will be treated as wrong. e.g. If for any item, (B) is the correct answer, you have to mark as follows:

 $A \bullet C \Phi$

- 9. You should not remove or tear off any sheet from this Question Booklet. You are not allowed to take this Question Booklet and the Answer Sheet out of the Examination Hall during the time of examination. After the examination is concluded, you must hand over your Answer Sheet to the Invigilator. You are allowed to take the Question Booklet with you only after the Examination is over.
- 10. The sheet before the last page of the Question Booklet can be used for Rough Work.
- 11. Do not tick-mark or mark the answers in the Question Booklet.
- 12. Applicants have to write and shade the total number of answer fields left blank on the boxes provided at side 2 of OMR Answer Sheet. An extra time of 5 minutes will be given to specify the number of answer fields left blank.
- 13. Failure to comply with any of the above instructions will render you liable to such action or penalty as the Commission may decide at their discretion.

1.	Poin	nt out the correct protective measure against the soil erosion by running water.
	(A)	wind breaks vegetation
	(C)	organic farming (D) modern agriculture
2.	It is	not an edaphic factor
	. 4	rain (B) soil
	(C)	pH (D) minerals
3.	Doin	at out the tributaries of Thamirabharani river
Э.	Poin	Peyar, Ullar, Karaiar and Pambar
•	(B)	Shimsha, Harangi and Arkavati
	(B)	
	(C)	Bhavani, Noyil and Amaravathi Amaravathi, Suvarnavathi and Shimsha
	(D)	Amaravatni, Suvarnavatni and Shimsha
4.	Soil	profile refers
	(A)	surface layer of soil at particular place
	A PARTIES	vertical section of soil at particular place
	(C)	cation exchange capacity of soil
	(D)	anion exchange capacity of soil
5.	It is	not a relevant function of organic matter in soil
	(A)	to maintain soil fertility
	(B)	provides food for soil microorganisms
	(C)	it increase water holding capacity of the soil
	D	produce silicate clays
-		
6.	Whi	ch of the following is wrong?
	(A)	Sand stone - Sedimentary rock
	100	Shales – Igneous rock
	(C)	Marble – Metamorphic rock

(D)

Granite

Igneous rock

7.	The	sustainable development refers to
	(A)	radioactive pollution
	D	preventive technology
	(C)	hazardous wastes
	(D)	chemical wastes
(ii)		
8.	Man	y important environmental problems are not confined to an air, water or land system
	but i	nvolves
	LUN	Interactions between systems
	(B)	Government agencies
	(C)	Atmospheric changes
	(D)	Geological changes
9.	Point	out the correct statement
	(A)	Net production = Gross production + Respiration
	(B)	Chemoautotrophs live in where there is abundant oxygen
	LES -	Hubbard Brook experimental forest is located at New Hampshire
	(D)	Diatoms and Dinoflagellates are zooplanktons
10.	Choos	se the correct statement:
	(A)	C ₄ plants are adapted to cold environment
	(B)	C ₃ plants are adapted to hot environment
,	10	CAM plants are adapted to very dry environment
	(D)	The average global net primary productivity was higher in Tundra

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11.	Nitr	ogen fixing or	ganisms a	are also	called			(*)	
	(A)	Autotrophs			LOS	Diazotroph	is		
	(C)	Heterotropl	ns		(D)	Saprotroph	ns		
12.	Ran	ge lands are re	elated to				1		
	(A)	Coniferous	forests		(B)	Tropical ra	in forests		
	(C)	Boreal fores	sts		LOY	Grasslands	3		
13.	Whi	ch forests act	like a sho	ck abso	orbers to reduce	damage from	m storms an	d tsunamis?	
	(A)	Boreal fores	sts		(B)	Tropical ra	in forests	-	
	(C)	Coniferous	forests		LAN CONTRACTOR	Mangrove i	forests	2	
14.	Find	out the wron	g stateme	ent in t	he following:				
	(A)				ninated by broa	dleaf evergr	een trees		
	. (2)				low net primar				
	(C)				sts cover only a			land surface	thou
	(0)		242-241		nown species	100tt 276 OI	the earth's	and surface	, they
	(D)	Decomposit	ion occur	red qui	ckly in tropical	rain forests		×	
		I I	4			*			
15.	Mat	ch the followir					4.5		
10.	Iviau	Major biome			Examples		1 1		
	(a)	Coniferous fo		1.	Great plains		5		
	(b)	Desert		2.	Appalachian	mountains			
	(c)	Prairie grass	land	3.	Great Americ	an desert	8.		
	(d)	Deciduous fo	rest	4.	Sierra Nevad	a			
		(a) (b)	(c)	(d)					
	(A)	4 2	1_	3					
		4 3	1	2					
	(C)	2 3	4	1		* 1			
	(D)	4 3	2	1					

16.	-		the ca	rbohydrates, fats, proteins, DNA and other
	orga	nic compounds necessary for life.		
	(A)	Oxygen	(0)	Carbon
	(C)	Hydrogen	(D)	Nitrogen
17.	The	average net primary productivity was	higher	in
	(A)	Temperate forest	(B)	Savanna
	(0)	Tropical rain forest	(D)	Tundra
	~			
18.	Arra	nge the following components of ecosys	stom ir	an according order:
10.			stem n	I all ascending order.
	I. •	Decomposer		8
	II.	Producer		
	III.	Consumer		
	(A)	I, II and III	(B)	III, II and I
	10)	II, III and I	(D)	III, I and II
19.	Perce	entage of the volume of fresh water av	ailable	for human use in the hydrosphere is
	4	0.3%	(B)	1.3%
	(C)	1.7%	(D)	2.1%
	(0)	1.170	(D)	2.170
20.	Find	out the wrong statement.		
2	(A)	97.5% of total water is salt water		
	(B)	Polar ice caps and glaciers are larger	than	accessible fresh water
	LON	Accessible fresh water is larger than	polar	ice caps and glaciers
	(D)	2.5% of total water is fresh water		
		* *		
21.	The a	approximate per capita forest land in I	ndia is	given below.
	(A)	1.5 ha	(B)	0.05 ha
	100	0.10 ha	(D)	1.0 ha

22.	The	following sequence of process occur during Bio-gas generation:	
	(A)	Hydrolysis, Acetogenesis, Acidogenesis, Methanogenesis	
	(B)	Hydrolysis, Methanogensis, Acidogenesis, Acetogenesis	
	(C)	Methanogenesis, Hydrolysis, Acidogenesis, Acetogenesis	
		Hydrolysis, Acidogenesis, Acetogenesis, Methanogenesis	
23.	Indir	ra Gandhi Canal irrigation project in which State of the following.	
	(A)	Haryana Rajasthan	
	(C)	Tamil Nadu (D) Kerala	
m ²²			
24.	Wha	t among the following steps would help in effective conservation of oil resources?	
	سرون	Reduction in consumption	
	(B)	Development of advanced fuel-efficient engines	
	(C)	Improve alternate methods	
	(D)	Develop new techniques for rigging and refining	
25.	Wha	t was the Public Movement that promoted forest conservation?	
	(A)	Forest development programme	
,	00)	Chipko movement	÷
,	(C)	Conservation Movement	
	(D)	People's Forest Movement	
26.	Whic	ch one of the following agriculture land use pattern has effect on Environment?	
	(A)	Loss of natural ecosystems	
	(B)	Nitrogen loading at global level	
-	(C)	Pesticidal inputs	
		All of the above	

27.	Whi	ch of the following is not a renewable	resource	e?
1.	(A)	Fishes	1	Minerals
	(C)	Forests	(D)	Crops
28.	The	first nuclear power stations established	ed in In	dia is:
	(A)	Narora	· D	Tarapur
	(C)	Kalpakkam	(D)	Rawatbhata
29.	Agu	ifer is defined as:		
	10	A geological formation that yields si	gnificar	nt quantities of water
85	(B)	Specific yields for various geological		
	(C)	A geologic formation, which stores w		
	(D)	Water pollution with lead		
30.	Indu	s Water treaty is in between:		g 68
00.	(A)	India and Bangladesh		
	(B)	India and China		
		India and Pakistan		
	(D)	India and Afghanistan		
	(2)	mata and rughamstan		
0.1	24	C.1 W. 11		
31.		of the World's gold resource occurs in		
	(A)	North America		
	(B)	South America		
		Africa		
	(D)	India		×.
			,×	
32.	Whic	h one of the following does not contrib	ute to co	onservation of water?
	(A)	Waste Water treatment		
-	(3)	Waste land development		
×	(C)	Water Shed protection		
	(D)	Rainwater harvesting		

33.	The	value of retaining op	tions avail	lable for the fu	ture is called
	(A)	Productive value	A		
	(B)	Existence value			
	(0)	Option value		7 8 1	4
A	(D)	Consumptive use v	alue		
					1.0
	mı	, D: 1:	:- J b		
34.		term Biodiversity wa	s comed b		Tuonalore
	(A)	Odum. E.P		(B)	Transley
	The same of the sa	Walter G.Rosen		(D)	Odum. H.T
				4.5	
35.	The	Major Biogeographic	Zones of	India is	
	LUN .	10		(B)	11
	(C)	9		(D)	12
36.		na is refered as			
	(A)	Sps of Plant			
•	(0)	Sps of Animal			
	(C)	Both (A) and (B)			
	(D)	None of these			
37.	Bios	phere Reserve progra	amme was	s launched by	UNESCO in
	(A)	1961		100	1971
	(C)	1981		(D)	1991
	(0)	1001		(2)	
38.		ch the following:	44.7	137 , T 1'	D
,	(a)	Anaimalai	1.	West Indian Eastern Him	
	(p)	Andaman Coast	2. 3.	Sholas	lalayas
	(c)	Indus plain Sikkim	4.	Mangroves	
	(d)	SIKKIII	4.	Mangroves	
		(a) (b) (c)	(d)		
	(A)	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1	4	
		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\frac{2}{2}$		
	(C) (D)	4 1 3	2		
	(1)		:: :		

39 .	The	Vedanthangal Bird Sa	anctuary was esta	blish	ed in		
	(A)	1838		(B)	1848		
	10	1858		(D)	1868		*
40.	The	term biological divers	itv was first defin	ed by			
	(A)	E.A. Norse	ity was mot demi	(B)	R.E. Mc Manus	7	
		Both (A) and (B)		(D)	None of these		
		25011 (27) 2112 (27)		(2)	2.0110 02 011000		
المعا				(Dray		~	
41.		Investment Survey o sored by	f Forest Reserve	(PISI	(R) initiated by	Government	of India and
٠,	(A)	FAO and UNDP		(B)	FAO and WWF		
	(C)	FAO and MoEF		(D)	FAO and CBD		
42.	The	highest rain fall in Inc	dia is in				
Τ.	(A)	Cape Camorin		D	Cherrapunji		4 =
	(C)	Andaman		(D)	None of these		
43.	Whic	ch of the following is c	orrectly paired?				
10.	(A)	Avicennia –	Sandy Mangrov	ze.	2.4		
	(D)	Rizophora –	Red Mangrove			76)	
	(C)	Bruguiera –	Tagel Mangrove	e		1, 1, 1	
	(D)	Ceriops -	Black mangrove				4
			on the fa				
44.	The	first marine biosphere	rosorvo ostablish	ni bo	India at		
44.	(A)	Great Nicobar Biosp		ieu m	muia at		
,		Gulf of Mannar Bios					
	(C)	Both (A) and (B)	photo reserve				
	(D)	None of these			. •		, Y
			1 218 2				
	NT 11	1.D	ı.a. ı: p	O.ID	AGD) 1 1:		
45.		onal Bureau of Anima	I Genetic Reserve				
	(A)	Lucknow Karnal		(B)	Delhi Channai		*
		Namai		(D)	Chennai		
			200				

Match the following: 46.

List I - Causes

- Soil organisms (a)
- Phosphorous assimilation (b)
- (c) Water pollution
- Air pollution (d)
 - (c) (b) (a) 2 3
- (A) 2 1 4 1 3 4 2
 - (D) 2 1

Climate stress is caused by insufficient and/or excessive regime of 47.

- (A) Temperature
- Humidity
- Solar radiation (C)
- (D) Vapour

Match the following 48.

Disease

- Organ
- Thyroid gland Arsenic 1. (a) Carcinogen and skin pathogen 2.
- (b) Fluorosis 3. Bone and teeth disease
- Goitre (c)

Asthma

(d)

Respiratory organs 4.

List II - Effects

Decomposition

Complexing agent

Chronic obstructive pulmonary disease

Algal bloom

1.

2.

3.

4.

(d)

4

3

- (d) (b) (c) (a)
- 2 3 4 1
- 3 1 4
- 2 3 1 4
- 3 2 1 (D) 4

HBV and HCV are both causes of liver cancer that may arise many years after infection is 49. called

Hepatitis

Herpes infection (B)

(C) Hippocampus (D) Hyperlipidemia

50.	Whi	ich of the following is a false statement?
	I.	Excess fluorides in drinking water and food causes Fluorosis.
	II.	Fluorosis means motting of teeth, weak bones, stiff and painful joints.
	III.	Fluorosis cause black foot disease.
	(A)	Only I Only III
	(C)	II and III (D) I, II and III
51.	The	types of specific antigen (A, B (or) C) of influenza viruses is found on which viral tituent?
,	(A)	Nucleocapsid
	(B)	Lipid by layer
	(C)	Carbohydrate polymer
	(D)	Insulin receptor
52.	The State	following statements about HCV infection and associated liver disease in the United es are correct except
	(A)	HCV is responsible for 40% of chronic liver disease
	(B)	Chronic infection develops in most (70 - 90%) HCV infected persons
	(C)	HCV associated liver disease is the major cause for liver transplantation
		HCV viremia occurs transiently during early stages of infection
53.	Muta	ations in bacteria can occur by which of the following mechanisms?
00.	(A)	
	(C)	
	(0)	Insertions (A), (B) and (C)
54.	How	many viruses are causative agents of hepatitis (inflammation of the liver)?
	(A)	HAV and CMV – (2)
	(B) ·	HEV and HDV – (2)
	(C)	HEV, HDV and TMV – (3)
	DY	HAV, HBV, HCV, HDV, HEV – (5)
55.	Typho	oid, Cholera and Dysentry are diseases that are spread by
se285.1/211	(A)	Air Pollution Water Pollution
	(C)	Land/Soil Pollution (D) The use of pesticides
		(D) The use of pesticides

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56.	What	t is the expansion of NIDM?		
\	(1)	National Institute of Disaster Man	agemen	to a second a
	(B)	National Infrastructure for Disaste	er Mana	gement
	(C)	National Information System for D	isaster l	Management
	(D)	National Intelligence System for D	isaster I	Management
57.	Provi	ision of timely and effective informat	ion to av	void or reduce risk in
	(A)	Post Disaster Action		
	(B)	Post Recovery Action		
	(C)	During disaster action		
	90	Early Wormy		
•			*	
58.	What	t is Disaster Management?		
۸٠.	What	Disaster Risk Management		
`	(B)	Disaster Preparedness		
	(C)	Disaster Survey		
	(D)	Disaster Monitoring		7
	(2)			
	VVII : -1	l col col	CC - 4 - 1	
59.		th of the following section is worstly a		
	(A)	Rich	(B)	Moderate
1		Poor	(D)	None of the above
30.	What	t is the expansion of NDMA?		
1	(1)	National Disaster Management Au	thority	
	(B)	National Institutes of Disaster Man	nagemer	nt
	(C).	National Disaster Fire service Man	nagemen	t Authority
	(D)	National Disaster Mitigation Author	ority	
	7.5			
31.	What	t is the another term for Tropical Cyc	clone?	
٠.	4	Cyclone	(B)	Tornado
	(C)	Giant waves	(D)	Hail storm

62.	Wha	at is a period of dry weathe	r called?					
	SIN	Drought	-	(B)	Famine			
	(C)	Cloud burst		(D)	Cyclone			
63.		at is defined as the deficient nded period of time?	ncy of prec	ipitatio	on from ex	pected or no	ormal lev	els over ar
	14	Meteorological drought		(B)	Hydrolog	ical drought		
	(C)	Agricultural drought		(D)	All the al	oove		
64.		t is [the type of drought dies leading to a lack of wa					ıd subsur	face water
	(A)	Meteorological drought		-1				
	(B)	Drought						
	10	Hydrological drought						
	(D)	Agricultural drought						
65.	Wha	t is DDMA?						9 1 2
	40	District Disaster Manage	ement Auth	ority				
	(B)	District Disaster Mitigat						
	(C)	District Disaster Mitigat			Authority			
	(D)	Development Disaster M						
00		· · · · · · · · · · · · · · · · · · ·	10					
66.	Wha	t is the expansion of NDRF					2 1 10	3
	(D)	National Disaster Respon		*				
11	(B)	National Drought Respon		1.0				
	(C)	National Department of		cal Res	ponse			
	(D)	National Defense Respon	se Force					
67.	Wha	t is the expansion of SDRF	?		8.		*	
	(11)	State Disaster Response	Force	4.		5		, X 5.
	(B)	Static Disaster Retrospec	ctive Force		. O.	1 .		
	(C)	State Drought Response	Force			187		
	(D)	State Drought and Famil	ne Response	Force				

68.		pH of acid rain 3.6 ha oximate pH of normal rain		more	e acidity	than	normal	rain.	What	is	the
	(A)	7.0	1	(3)	5.6		X				
	(C)	6.5		(D)	4.6						
CO	Whi	h -64h14		1900 - To	: 1 · · · · · · · · · · · · · · · · · ·	11 :0					В.,
69 .		th of the alternative fuel is LPG	s usea to run	a ven	_	elhi?					
	(A)	Ethanol		(D)	CNG	-1					
	(C) .	Ethanor		(D)	Biodiese	91				3	
				L/Lac							
70.		h of the following soil is ve	ery fertile soil		*			19.7			
	(A)	Lateritic soils		(B)	Black so	oils		*			
	VOP .	Alluvial soils		(D)	Red soil	s			5		
71.	Total	hardness of water is caus	sed due to pre	sence	of	2			1.00		
	(A)	Ca and Mg salts		(B)	Na and	K salts	3				
•	(C)	Fe salts		(D)	Mg salts	3					
72.	Whiel	h one of the following stat	ement is not	relate	d to aloba	al warr	ning?				
	(A)	global warming affect th			,	ar warr	ming.				
	(B)	increase in sea level	c rannan par	CIII							
	(C)	increase global temperat	uro								
1		increase crop productivit									20
•		mercase crop productivit	ý								
73.		valley is an exquisite regi	ion full of dive	erse f	lora and f	auna.	It is bou	nded b	у ——	-	-
	range (A)	Western ghats									
	(B)	Eastern ghats						40		8	
	(C)	Indus valley				* 1					
	(0)	Siwalik and Himalayan	1								
		Siwank and Ininalayan									
					4.						
74.	Our C	Sovernment launched the	Ganga Action	Plan	(Phase-I) in					
	(A)	1995		(B)	1986		2			545	
	VOY-	1985		(D)	2016			1.0			
	C 19										

75.	Arse	nic poisoning causes		
	(A)	Fluorosis	(B) Methaemoglobin	
	(C)	Eutrophication	(Keratosis	9
76.	Whie	ch of the following is favourable for min	nimizing the load of pollution?	
1 2:23	(A)	Fumigation	(B) Trapping	
	(C)	Coning	Lofting	
, 4				
77.	The prod	por the property of the state o	compounds reacts in the presence of sunlight a	and
	(A)	Chlorofloro carbon		
	(B)	Smog formation		
	(C)	Ozone depletion		
	D	Photo chemical oxidants		
	7			
78.	Title	II of National Environmental Policy Ac	ct (NEPA) establishes	
	1	National Goal of Environmental Police		
	(B)	Council for Environmental Quality		
	(C)	Protection of Natural Resources		
	(D)	EIA and EIS		
79.	NRC	P stands for		
10.	(A)	National River Concept Policy		
	(B)	National River Corporation and Prog	ramme	
٠,		National River Conservation Plan		
	(D)	National River Conservation Party		
	3			
80.		ming endangered species listed in school enacting by	edule I of the Act and is prohibited through	out
,	11	The Wildlife (Protection) Act of 1972		
	(B)	The Wildlife Preservation and Conse	rvation Act 1972	
2,0	(C)	The Forest (Conservation) Act of 198	0	
	(D)	The Indian Forest Act of 1927		

81.	EMS	S stands for
	(A)	Environment Monitoring System
٠,	00	Environment Management System
	(C)	Eco system Management System
	(D)	Environment Man System
82.	The	Central and State Pollution Control Board were first constituted under
	(A)	The water (Prevention and Control of Pollution) Cess Act 1978
`	(0)	The water (Prevention and Control of Pollution) Act 1974
	(C)	The Air (Prevention and Control of Pollution) Act 1981
	(D)	The Environmental (Protection) Act 1986
83.	Wha	t was the huge iceberg that broke apart from Antarctica in 2013?
	1	C-19
	(B)	C-18
	(C)	B-22
	(D)	B-15
84.	Whi	ch is not an objective of Environment impact assessment?

Risk assessment and disaster management

Recycling and reduction of waste

All of the above

What are carbon sinks?

Assessment of international funding

the natural processes that remove CO_2

the systems that generate green house gases

the fabricated systems to reduce emission

detection of carbon sources

85.

(A)

(B)

(D)

(B)

(C)

(D)

	100	tegic Environmental Assessment (Si uating the environmental impact of	LA) is a i	formanzed systema	tic and comprehensive o	f
	11	a policy, plan and programme		- 2 4		
	(B)	people, pollution, programme			**	
	(C)	public or private firm			127	
	(D)	none of the above				60
87.	Wha	t does the ozone layer protect us fro	m 2			
٥١.	Wila	UV radiation	(B)	Meteorites		
1	(C)	Gamma radiation	32 1-31			
	(C)	Gamma radiation	(D)	X ray		
88.	Wha	t elements are said to interfer with	ozone in	stratosphere?	*	
	(A)	Sulphur particles				
V	(3)	Atomic halogens			207	
100	(C)	Carbon monoxide	4 2 3			
	(D)	Dust				
89.	What	t devices is used in smoke stack of in	ndustries	to remove SO ₂ ?		
	(A)	Injectors	100	Scrubbers		
	(C)	Mixers	(D)	Crushers		
90.	Whic	h among the following is not related	to acid r	ein?	(
, o.	(A)	Wet and dry deposition	to acid i	am.	y	
	(B)	Cleanup smoke stacks				
	(C)	SO ₂ and NO _x				
	(0)			8 8 9		
E	(0)	Ozone layer		N N		
	- 1					
91.	What	does the term wet deposition refer	to?	*		
	(A)	Ozone depletion		*	A Rec	
	(B)	Radiative forcing	7			
	(5)	Acid rain				
	(D)	Deforestation				

92.	Whic	ch among the following statement on Green house effect is correct?	
\	Jun 1	Green house effect is a natural effect	,
	(B)	Global warming causes green house effect	
	(C)	All atmospheric gases are green house gases	
	(D)	High energy short waves cause green house effect	
93.	Who	popularized the term global warming?	
	(A)	Milankovitch	
٠,	(6)	Wally Broecker	
	(C)	Bill Clinton	
	(D)	Rajendra Pacturi	
94.	Wha	at among the following is not an internal factor affecting climate?	
	(A)	Ocean	
	(B)	Atmosphere	
9.	(C)	Sea ice	
	D	Solar radiation	
95.	Mate	ch the following:	
	(a)	Little ice age 1. Oscillations orbital	
	(b)	Tree rings 2. Green house gas	
7	(c)	Milankovitch cycles 3. 1400–1850 A.D.	
	(d)	Methane 4. Climatic proxies	
	1	(a) (b) (c) (d)	
	VA	3 4 1 2	
	(B)	3 1 2 4	
	(C)	$3 \qquad 2 \qquad 1 \qquad 4$	
	(D)	2 1 3 4	

96.	The	import	tant orga	anic com	pounds	in soi	lis				- "
	SA	Hun	nus		* A		(B)	Clay			5 % 2
,	(C)	Silt					(D)	Sand			
97.	The	floorb	ad of the	e ocean a	ro form	and by					
91.		-	7.6			led by			7 9		
	(A)	•		luminiu			(B)	iron oxide			+
	VO	silic	on and r	nagnesii	ım		(D)	granite ro	cks		
						18					
98. *	The	pH of	Normal	rain wat	er is sli	ghtly	acidic du	e to mixing	of		
	(A)	Met	hane				(B)	CFC's			
	100	CO_2					(D)	H_2S			
								7			18
72727											
99.						al elen	nent or co		om other	parts of cy	vcle is called
	(A)	Biog	eochemi	ical cycle	2		(B)	Sink			8
	(C)	Natu	ıral indi	cators			(D)	Biomagnif	ication		
100.	Mat	ch the	followin	g:							
	(a)		on smog	=	1.	Phot	ochemica	l oxidation			
	(b)	Los A	ngeles s	mog	2.	Coal	burning		4		
	(c)	Smog			3.		iculate po				1 ₀ × 8
	(d)	Smok	e	= 0	4.	Smo	ke and fo	g			
		(a)	(b)	(c)	(d)						
	(A)	4	3	2	1						
	(B)	3	4	1	2						
•	(2)	2	1	4	3						19
	(D) _.	1	4	2	3						
									F	48	
101.	Why	Pedos	ol soil, h	orizon-E	3 is ferti	ile?			2		
	(A)	rain	fall is les	ss insign	ificant l	leachi	ng of nuti	rients			
	D	rainf	fall is hi	gh so eff	icient le	achin	g of nutri	ents			
	(C)	the l	ayer is v	ery near	r to the	top so	il				
	(D)		ayer is t								

102.	The a	ability of the pathogen to inflict damage on the host is termed as
,	LAY	Virulence (B) Shigellosis
v	(C)	Salmonellosis (D) Botulism
103.		following pathogenic diseases is not caused by the bacteria (or) The disease caused by iruses is
	(A)	tuberculosis (B) typhoid
	(C)	dysentery small pox
104.	Find	out the wrong statement in the following:
,	SA	Anaerobic bacteria can grow with free oxygen
	(B)	Anaerobic bacteria can grow without free oxygen
	(C)	Aerobic bacteria can grow with free oxygen
	(D)	Facultative bacteria can grow with (or) without free oxygen
105.	The '	aquifers' is the source of
	(A).	surface water (B) underground water
	(C)	lake water (D) sea water
106.	The a	albedo refers to
	4	the reflecting property of solar radiation by clouds and suspended particles
	(B)	the absorbing property of light radiation
	(C)	the evaporation process
	(D)	the photochemical dissociation of chemicals
107.	Whic	th gases compositions are covered by 99% volume of atmosphere?
107.	(A)	Oxygen and Carbon-di-oxide
		Nitrogen and Oxygen
	(C)	Oxygen and Argon
	(D)	Oxygen and Ozone
7.0	(1)	Oxygen and Ozone

108.	Mat	ch the follow	ing:		100			
		List I			List II			
		Succession	S		Habitats			
	(a)	Xerosere		1.	Salty			
	(b)	Halosere		2.	Dry			
	(c)	Psammosei	re	3.	Rock			
	(d)	Lithosere		4.	Sandy			
		/ N	2.					81.5
30		(a) (b)	The same of the sa	(d)	100			
	(A)	• 4 3	1	2	1			
١.	(0)	2 1	4	3				
	(C)	2 4	1	3				
	(D)	4 3	2	1				
109.		rding to ocea sal zone	an basis, –		zone com	prising contin	ental shelf, aph	notic zone and
	(A)	Littoral		10.10	(B)	Pelagic		
	100	Benthonic			(D)	Aphotic	X.	
								1 27 1 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
110.	Whi	h kind of ny	ramid aan	novon b	a invented in a	ny stable ecosy		
110.			rainiu can	never b			stem!	
	(A)	Biomass			(B)	Number		
		Energy			(D)	Both (A) and	(B)	
						*	4	1.
111.	The is cal		esentation	of relat	ionship betwe	en the various	trophic levels o	f a food chain
	(A)	Energy floo	or		(B)	Energy pyrar	nids	
	(C)	Ecological :	niche		(D)	Ecological py	ramids	
	9							
	1177		-			y 6		
112.	What			icers for	und in ponds a	and lakes in Inc	lia?	
•	1)	Typha and			(B)	Terminalia a	nd <u>Salmalia</u>	
	(C)	Prosopis ar	nd Picea		(D)	Ficus and Cy	nodon	
						10		

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FAEVS

113.	The process involved in conversion of detritus into simpler nitrogen-containing compounds such as ammonia and ammonium ions is called as							
		* *	ned as					
	(A)	Nitrification	Land I	Ammonification				
	(C)	Denitrification	(D)	Nitrogen fixation				
114.	Choo	se the correct sequence for various step	s inv	olved in ecological succession.				
	(A)	Reaction - Nudation - Invasion - Con		4				
	(B)	Competition - Nudation - Invasion -	React	tion – Climax				
٠,	100	Nudation – Invasion – Competition –	React	tion – Climax				
	(D)	Invasion - Competition - Reaction -	Nudat	tion – Climax				
115.	Asse	rtion (A): Animals adopt various stra	tegies	to survive in hostile environment.				
	Reas	on (R) : Praying mantis is green in	colour	r, which emerges with plant foliage.				
	(A)	Both (A) and (R) are true and (R) is the	he cor	rect explanation of (A)				
	(B)	Both (A) and (R) are true, but (R) is n	ot the	e correct explanation of (A)				
V	(0)	(A) is true, but (R) is false	ν.					
	(D)	Both (A) and (R) are false						
116.	Poiki	ilothermic or ectothermic animals are						
	Jun 1	cold-blooded	(B)	warm-blooded				
	(C)	both (A) and (B)	(D)	none of the above				
117.	Edap	ohic factors pertaining to						
	(A)	water parameters						
	(B)	climate parameters						
	(C)	physical geography of earth	(4)					
١		formation and physico-chemical prope	erties	of soil				

118.	Man	grove forest is not found in the following	ng stat	e
	SA	Madhya Pradesh	(B)	Tamil Nadu
	(C)	Orissa	(D)	West Bengal
119.	Whic	th of the following day is celebrated as	the W	orld Environment Day?
	(A)	April, 22	(B)	April, 21
	JOY -	June, 5	(D)	December, 24
			-	
120.	Selec	et the major use of forest wood in India		
	(A)	Pulp wood	(B)	Timber
	(C)	Medicine	0	Fire wood
			1	
121.	Agro	stological method to check soil erosion	is as f	ollows.
	(A)	Construction of small basins		
	(B)	Growing vegetation alongside		
٠ ١	100	Growing of grasses as soil binders		
•	(D)	Planting vegetation cover		
122.	Whic	h of the following is an example for Ab	iotic re	esource?
	(A)	Forest	V35)	Water
	(C)	Fish	(D)	Wildlife
123.	What count		est cov	er to maintain the ecological balance of a
	(A)	50%	(B)	67%
	SOF	33%	(D)	17%
124.	Over	utilization of ground water does not ca	ause th	e following problem
	(A)	Drying up of wells	(0)	Flood
	(C)	Earthquake	(D)	Pollution of water

- 125. Match the following
 - (a) Wedding

1. Removal of same species

- (b) Thinning
- 2. Enrich soil with nutrients

(c) Brashing

- 3. Elimination of weeds
- (d) Accumulators
- 4. Removal of leafless branches

- (a)
- (b)
- (d)

2

2

2

2

- (A) 1
- 3
- (c) 4

- (B) 1
- 1
- 3

- .
- 1
- 4

- (D) 3
- 4
- 1
- 126. Which one of the following is incorrectly paired?
 - (A) Water
- Aquifers
- (B) Phosphate
- Earth crust
- (C) Salt
- Sea water
- (D) Mangane
 - Manganese Biogenous deposits
- 127. What element is abundant in Sea water?
 - (A) Sodium
 - (B) Magnesium
 - Chlorine
 - (D) Sulphur
- 128. Arrange the following according to the percent of water resource in ascending order.
 - (I) Oceans
 - (II) Earth's crust
 - (III) Ice caps
 - (IV) Lakes and rivers
 - (A) I, III, IV, II

(B) II, I, III, IV

(C) II, III, I, IV

I, II, III, IV

129.		ect Tiger in Mudhumalai Tiger Rescu- pority on	e was	s approved by National Tig	er Conservation
	(A)	16 July 2010			
	(B)	16 August 2010			
٠,	100	16 September 2010		**************************************	
	(D)	16 October 2010			
130.	Mud	humalai Sanctuary is famous for	S		
100.	(A)	Birds		Tiger	
	(C)	Elephant	(D)		
	(0)	ыерпапс	(D)	Bisons	
131.	The l	Forest Conservation Rules and Amendr		1987 and 1989 for	
	(1)	Protection and Conservation of Fores	ts		
	(B)	Protection and Conservation of Fores	t Proc	luct	
	(C)	Protection and Conservation of Plants	8		
	(D)	Protection and Conservation of Anima	als		
		N A			
132.	In wl	nich state Pullicat lake Bird Sanctuary	is loc	ated	
	(A)	Kerala	(B)	Karnataka	
,	100	Andhra Pradesh	(D)	Orissa	
133.	Lanta	ana Camera is			
	(A)	Native plant	(B)	Common weed	
	100	Exotic plant	(D)	Both (A) and (B)	
	•		(2)	Zom (iz) unu (D)	
	m				
134.		vet savannahs are otherwise called —			
	(A)	Xerobhilous			
, \	(13)	Hygrophilous		*	
	(C)	Mesophilous			
	(D)	None of these		30	

135.	Eart	h summit was held at Riode Janeiro i	in	
	(A)	1982	(B)	1992
	(C)	2002	(D)	2012
				4
136.	Bioti	c province of Western Ghats regions	are	
	4	Malabar coasts and Western Ghats	mounta	ain
	(B)	West coasts regions		
	(C)	Malabar coasts only		
	(D)	All of the above		
137.	Nilgi	ri tahr is endemic animal is		
	4	Western Ghats	(B)	Himalayas.
	(C)	Swamp	(D)	Desert
138.	Who	is chairmanship of Indian Board of W	Vild life	Board in 1991?
100.	(A)	The President	ina me	Doard III 1001.
		The Prime Minister		
	(C)	The Chief Justice of India		
	(D)	The Vice President		
	(2)	100 100 100		. 8
100	<i>7</i> . 1		. D. I.D	n D
139.		ogical survey of India have brought ou	it Red L	ata Books on
	(A)	Indian endangered plant species		
•		Indian endangered animal species		
	(C)	Both (A) and (B)		
	(D)	None of these		
140.	Kala	kkadu-Mundanthurai Tiger Reserve	forms pa	art of
	(A)	Nilagiri Biosphere reserve	ř.	
•	(3)	Agasthyamalai Biosphere reserve		
	(C)	Mudhumalai National Park)
	(D)	None of these		W

- 141. The formula for average annual population growth rate in % is
 - $[P_2 P_1 / P_1 \times N] \times 100$
 - (B) $[P_1 P_2 / P_1 \times N] \times 100$
 - (C) $[P_2 \times 100]/P_1$
 - (D) $[P_2 P_3 / P_1 \times N] \times 50$
- 142. Which of the following groups of individuals is at the lowest risk of adenovirus disease?
 - (A) Young children
 - (B) AIDS patients
 - (c) Healthy Adults
 - (D) Bone marrow transplant recipients
- 143. The Vibrio Cholerae factor causes diarrhea is a toxin which
 - Yields increased intracellular levels of cAMP
 - (B) Blocks EF-2
 - (C) Blocks EF-1 dependent binding of amino acyl tRNA to ribosomes
 - (D) Cleaves VAMP
- 144. What does the phrase environment sustainability imply?
 - (A) A shared global responsibility is necessary for quality of life
 - (B) The actions of human directly impacting the well being of the natural environment
 - (C) Futase generations will have the resources necessary for quality of life
 - A, B, C and D (or) all of the above
- 145. Assertion (A): Natural populations are capable of an enormous and rapid increase in numbers but for the most part remain relatively constant in size.
 - Reason (R): Human interference has led to constancy in the size of the natural population
 - (A) Both (A) and (R) are true an (R) is the correct explanation of (A)
 - (B) Both (A) and (R) are true, but (R) is not the correct explanation of (A)
 - (A) is true, but (R) is false
 - (D) (A) is false, but (R) is true

				44 4					
146.		HDV (Delta agent) is found only in patients who have either acute (or) chromic infection with HBV. Which of the following is correct?							
	(A)	HDV is a defective mutant of	HBV						
	(3)	HDV depends on HBV surfac	e antigen for	vision formation	i				
	(C)	HDV induces immune respon	se						
	(D)	HDV contains a circular geno	me						
			*						
147.		The principal reservoir for the antigenic shift variants of influenza virus appears to be which							
		e following?							
	(A)	Chronic human carriers of the	e virus						
	(B)	Sewage							
\ \	(0)	Pigs, horses and fowl							
	(D)	Mosquitoes							
148.		th of the following would be the ensible for this infection?	best epidemi	c influenza spec	imen for isolating	g the virus			
1	LAN	Nasopharyngeal swab							
	(B)	Tears							
11.0	(C)	Blood and Bone marrow	- i .	1.5					
	(D)	Nervous tissue		(4)					
1.40		. 17		1					
149.		Environmental Impact Assessment is an objective analysis of the people changes in							
	(A)	Physical characteristics of the environment							
	(B)	Bio – physical characteristics of the environment							
	(C)	Socio – economic characteristi	ics of the envi	ronment	1 12 1				
		(A), (B) and (C)							
			. 17						
150.	Heart	t murmur causes				To a			
	(1)	Rheumatic fever	(B)	Typhoid					
	(C)	Cholera	(D)	Filariasis					
151	Numb	han of nonviction anniquians and	usuad in buma	u bainas is		4			
151.	(A)	ber of population explosions occ							
	(A)	•	(B)	2 Indofinite		¥.			
,		3	(D)	Indefinite	~ ,				
18									

152.	The Z	Zamindari (or) permanent	settlement s	ystem	is prevailed in most of	
,	(1)	Northern Indian States		(B)	Southern Indian States	
	(C)	Eastern Indian States	14.	(D)	Central Indian States	
1.1						
153.	Worl	d's AIDS day is celebrated	d on			
	(A)	1st January		(B)	5 th June	
	(C)	28th February		000	1st December	
154.		term carriage and shedd of the following species?		kely to	o occur after gastrointestinal i	infection wit
•	113	Salmonella typhi		(B)	Escherichia Coli 0157:H7	
	(C)	Shigella dysenteriae		(D)	Campylobacter jejuni	
155.	HIV	infection has become a wo	orld wide enid	lemic t	that continues to grow. The ge	ographic are
100.					fter sub Saharan Africa is	ograpino are
	(1)	South/South East Asia	n fi			7
	(B)	North America				
	(C)	Namakkal		*		
	(D)	South America and Car	ibbean Island	ls		1.60
		,				
156.	Whic	h of the below is an exam	ple for enviro	nmen	tal hazards?	
	(1)	Environmental pollutan	its			
1	(B)	Earth quake				
	(C)	Tsunami	16 p. o.			
	(D)	Drought				Fire
157.	What	t is the purpose of "Food f	or work progr	ramme	e – started"?	
	(A)	To ensure food security	1	(B)	To provide relief employmen	ıt
	(C)	To use man power		DY	Both (A) and (B)	1
					1 1 2 2	
159	Who	t is the percentage (%) of	area prope to	evelor	202	E 41 10
158 .	Wila	68%	area prone to	(B)	40%	
1	(C)	20%		(D)	72%	
	(0)	-070		(2)		

159.	wna	t is a term used for the cer	ntre of a cyclon	e:				
	(A)	Epic centre		(B)	Epy centre			
	(C)	Ephic centre		D)	Eye of the cy	clone		
					1.1			
160.	What	t is the name of the tide	which would re	sult	from gravitat	ional effe	cts ex. o	of the earth,
200.		and moon without any atn						
•	(1)	Astronomical tides		(B)	Tsunami			
•	(C)	Aazhi peralai		(D)	Waves			
			y .					
161.	Whos	se inhabitants land is mor	e prone to all t	ypes	of disasters?			× 2
	4	Poor						
	(B)	Rich	**					
	(C)	Both (A) and (B)						
e g	(D)	None of the above		2				
	(D)	Tione of the doore	-					
162.	What is a suspension of killed or attenuated bacteria for use as a vaccine called?							
•	(1)	Bacterin						
	(B)	Anti-microbial suscepta	bilities		1 ' = =			
	(C)	Biological agents						36
	(D)	Bio weapon						
163.		is the malicio	us use of plan	nt or	animal nat	hogens to	cause	devastating
100.	disea	ses in the agricultural se		10 01	ammar pac	aogene te	cado	do i do coma
1	(A)	Agroterrorism		(B)	Bacterin			
	(C)	Biological agents		(D)	Bio risk			
	35.00		A 10 A 151					
	****					-1:4:	J J	es su loss su
164.		t is an event or series of erties, infrastructures, en			s rise to casu	anties an	a aama	ge or loss or
,	4	Disaster		(B)	Tsunami			
1	(C)	Cyclone		(D)	Volcano			
165.	Wha	t is the name of the earth	quake with the	mag	nitude is grea	ater than	3.5 M?	
	W	Macro		(B)	Micro			
	(C)	Intermediate		(D)	Shallow			
	(-)	Account to the control of the contro			54.54.75000.500004-04.000000			

	(A)	National Policy on Drought Management
	(11)	National Policy on Disaster Management
'	(C)	
	(C)	National Policy on Defence Management
	(D)	National Policy on Disaster Mitigation
167.	NCF	MP stands for what?
	(A)	National Cyber Risk Mitigation Project
1	(3)	National Cyclone Risk Mitigation Project
	(C)	New Cyclone Risk Mitigation Proforma
	(D)	New Cyclone Risk Management Proforma
168.		MA was formally constituted in accordance with ————————————————————————————————————
	40	Section-3(1), DM Act, 2005
	(B)	Section-3(2), Disaster Management Act, 2005
900	(C)	Section-1(1), DM Act, 2005
	(D)	Section-3(3), Disaster Management Act, 2005
169.	Verv	fine solid or liquid particulates suspended in the atmosphere are
200.	(A)	Particulate matter (B) Crystals
	(C)	Nanoparticles (b) Aerosols
	(0)	(E) Acrosols
	4	
170.	Natio	onal Oceanic and Atmospheric Administration (NOAA) is located at
- 1		Hawaii (B) New York
	(C)	Washington (D) New Hampshire
171.	Find	out the incorrect method for hazardous waste disposal.
	(A)	Deep-well disposal
	(B)	Surface impoundments
	(C)	Plasma arc torch
	(3)	Ocean dumping

166.

NPDM stands for

114.	O ZOI	le layer is present in the	region	or atmosphere	
	(A)	Thermosphere	(B)	Troposphere	
•	(0)	Stratosphere	(D)	Mesosphere	
173.	Cont	aminated liquid draining fr	om a sanitary lar	nd fill is called	
	(A)	Saturated water	(B)	Run off	
		Leachates	(D)	Colloidal jel	
174.	The f	following method is recomm	ended for dispose	al_of radioactive nuclear waste	
111.	(A)	Ocean dumping	lended for dispose	Salt mines	
	(C)	River bed dumping	(D)	Land fill	
	(0)	Tuver bed damping	(D)	Julia III	
	****	1 611 611		1 1 11 1	
175.			ssed used to rem	ove suspended solids from waste v	vater?
	(A)	Filteration	1		
\	(0)	Gravity settling (or) (grav	itional settling)		
	(C)	Screening			
	(D)	Floatation			
176.	Whic	h of the following pollution	affects the hatch	ing of fish eggs?	
	(A)	Air pollution	(6)	Thermal pollution	
	(C)	Marine pollution	(D)	Radio active pollution	
			,		
177.	Whic	h of the following chemical	is not used for dis	sinfections purpose?	
	(A)	Chlorine gas			
	(B)	Calcium hypochlorite			
•	(0)	Sodium hydroxide			
	(D)	Sodium hypochloride			4
		5 1 1			
178.	The r	particulate air pollutants si	ze can be describe	ed by an equivalent to	
	4	aerodynamic diameter	(B)	percentage	
-	(C)	nanometer	(D)	cm/min	
4	1.57				

179.	better accuracy in the estimation of						
	4	Water Quality Parameters (B) Soil Quality Parameters					
	(C)	Air Quality Parameters (D) Forest Quality Parameters					
180.	Rem	ote sensing technology can help us by					
100.	(A)	Identifying areas of crowded population					
	(B)	Monitoring man made disasters					
	(C)	Assessing the human population growth and control					
•		Identifying disaster prone areas, assessing the damages and providing into and monitoring natural phenomena					
181.	man	is an organisational approach to facilitate environmental evaluation and agement					
	4	EMS such as ISO 14001 (B) EMS such as ISO 1405					
,	(C)	EMS such as ISI 14001 (D) EMS such as ISI 1375					
182.	A						
104.	know	luntary method of environmental performance certification and labelling is otherwise on as					
	40	Eco-labelling					
`	(B)	E- labelling					
	- (C)	Environmental science labelling					
	(D)	E-waste labelling method					
183.	Tho	correct pair is					
100.	The	The correct pair is The Institute of Remote sensing → Anna University					
	(B)	Institute of Remote sensing (CSIR) → Delhi					
	(C)						
	0.000.0000	The institute of Remote sensing → India Science → Centre					
	(D)	Institute of Remote sensing → Korakpur					
184.		ify the correct sequence/structure of the ISO 14001 Environmental Management m standard					
1	(1)	Plan-Do-Check-Act (B) Check-Plan-Do-Act					
	(C)	Act-Check-Plan-Do (D) Plan-Act-Check-Do					

185.	The Environmental Impact Assessment (EIA) is applied in						
	(A)	Existing projects					
	(B)	Completed projects					
	SA	New projects and expansion of the existing projects					
	(D)	All the above					
186.	In U	SA, NEPA stands for					
	1	National Environmental Protection Act					
```	(B)	Natural Environmental Protection Act					
	(C)	National Environmental Planning Act					
	(D)	National Environmental Pollution Assessment					
	8 /						
187.		area that are ecologically sensitive and the geomorphologic features which play a role in naintaining the integrity of the coast comes under					
`	4	CRZ-I					
	(B)	CR-Z-II					
	(C)	CR-Z-III					
	(D)	CR-Z-IV					
188.	In re	mote sensing, water quality parameters are estimated by measuring changes in the					
,	1	Optical properties of water caused by the presence of contaminants					
	(B)	Optical properties of water caused by the presence of fluorides					
	(C)	Water parameters and quality management					
	(D)	Water current, odour, color and O2 level					
189.	ISO	14040 is related to					
	(A)	Environmental Audit					
	(B)	Energy Audit					
	(C)	Environmental Agency					
	98	Life cycle analysis					

190.	Which of the following is not a trace gas in the atmospheric gases?						
,	(1)	Argon					
	(B)	Neon					
	· (C)	Ozone					
	(D)	Helium					
191.	Wha	t is the proportion of nitrogen in the atmosphere?					
	(A)	85% (B) 80%					
	(C)	70%					
192.	The	connection cell in the atmosphere is run by					
,	4	Solar energy					
	(B)	Gravitational force					
	(C)	Pressure variation					
	(D)	None of the above					
193.	When	re among the atmospheric layer does the temperature decreases with altitude?					
	1	Troposphere and Mesosphere					
`	(B)	Troposphere and Thermosphere					
	(C)	Troposphere and Stratosphere					
	(D)	Troposphere and Exosphere					
194.	What	is IPCC?					
	(A)	International Presentation on Climate Change					
	85	Intergovernmental Panel on Climate Change					
	(C)	International Program on Climate Change					
	(D)	Intercontinental projects on Climate Change					
		, and the same of					

195.	VV IIO	comed the term acid rain:			
*	(A)	Robert Brown			
	(5)	Robert Angus Smith			
	(C)	Einstein		* × ×	
	(D)	Robert Hooke			
196.	Whic	ch of the following is described as seas	onal ai	r flow?	
100.	(A)	Fronts	(B)	Jet streams	
	4	Monsoons	(D)	Cyclones	
			, , , ,		
		0.771.377		10	
197.	When	re was the phenomenon of El Nino ori			
		South America	(B)	North America	
	(C)	Africa	(D)	Australia	
			•		
198.	Wha	t happens during "positive feedback"	of Gree	n house effect?	
	(11)	Traps more heat			
	(B)	Reduces the heat			300
	(C)	Decrease in gas absorption			
	(D)	Releases cooling components			
					* "
199.	Whic	ch among the following is responsible	for the	emission of methane?	
100.	مرين	Livestock and rice cultivation			
	(B)	Industries			
	(C)	Burning of fossil fuels			1.4
	(D)	Air conditioners and refrigerators			
	(D)	The commercial and foreign			
				******	1 0
200.		t process is responsible for the release	e of Niti	rous oxide into the atmo	sphere?
	(A)	Burning of fossil fuels		38	
1	(B)	Intensive agriculture practice			
	(C)	Deforestation .			
	(D)	Use of refrigerants			