110	Circa ac		18CIV59
USN		Question Pa	per Version :
X	Fifth Semester B.E Degree Environme	Examination, Jan. ental Studies	/Feb. 2023
ime:	(COMMON TO 2 hrs.]	ALL BRANCHES	[Max. Marks: 1
	INSTRUCTIONS	TO THE CANDID	ATES
1.	Answer all the hundred questions, ea	ch question carries one	mark.
2.	Use only Black ball point pen for wr	iting / darkening the cir	cles.
3.	For each question, after selecting y		
	corresponding to the same question		
4.	Darkening two circles for the same qu		
5.	The second secon		
3.	Damaging/overwriting, using whi prohibited.	teners on the OMR	sheets are strictly
1.	Which of the following is a possible pro a) Animal b) Plants	oducer in an ecosystem?  c) Human beings	d) Fish
2.	The largest reservoir of nitrogen in our a) Oceans b) Biosphere	planet is c) Atmosphere	d) Rivers
3.	India has the world's largest share of wh	nich of the following	
	a) Manganese b) Mica	c) Copper	d) Diamond
4.	Identify the non renewable source of end a) Coal b) Fuel cells	ergy from the following: c) Wind power	d) Wave power
5.	Which of the following terminologies forest?		
	a) Canopy b) Understory	c) Forest floor	d) First floor
6.	Which of the following is cause of class	- TO COM THE CONTROL OF THE PROPERTY OF THE CONTROL	
	a) Habitat degradation     c) Pollution	<ul><li>b) Invasion of non-n</li><li>d) All of these</li></ul>	ative species
7			
7.	Air pollution from automobiles can be c a) Electrostatic precipitator c) Wet collector	b) Cyclone separator d) Catalytic converte	
8.	When the solid waste consists of large content is high, which of the following r	methods of treatment will	tter and if the moistur be ideal?
	a) Composting c) Incineration	<ul><li>b) Palletizing</li><li>d) Recycling</li></ul>	
		1 of 8	

9.	Chemobyi Nuclea	Disaster occurred in	the year		
	a) 1984	b) 1985	c) 1986	d) 1987	
10.	The primary cause	of acid rain around th	ne world is		
	a) Carbon dioxide		b) Sulphur dioxide		
	c) Carbon monox		d) Ozone		
			2, 5 2011		
11.		ntal day is held every	year on		
	a) June 5 <sup>th</sup>	b) October 2 <sup>nd</sup>	c) April 22 <sup>nd</sup>	d) Novemb	
12.	Ozone laver thick	ness is measured in			
	a) mm	b) cm	c) Dobson unit	d) Db	
	u) IIIII	, o) cm	c) Dooson unit	u) Do	
13.	First of the major	environmental protect	ion acts to be promulga	ted in India was	
	a) The Water Act		b) The Air Act		
	c) The Environme	ent Act	d) Noise Pollution	Rules	
14.	Rhia hahiy eundroi	me is causes due to			
14.			a) Cibusa	d) Mitouto	
	a) Manganese	b) Ozone	c) Silver	d) Nitrate	
15.	World Earth's day	is annually celebrated	d on		
	a) April 22 <sup>nd</sup>	b) June 5th	c) January Ist	d) May 1st	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-/		-,, -	
16.	The most importan	nt fuel used by nuclear	r power plant is		
	a) U-235	b) U-238	c) U-245	d) U-248	
17.	Which of the follo	wing is a hiotic comp	anent of acceptan?		
17.	a) Fungi	wing is a biotic comp			
			b) Solar light		
	c) Temperature		d) Humidity		
18.	Abiotic component includes				
	a) Soil		b) Temperature		
	c) Water		d) All of these		
			1		
19.		nment" is derived from			
	a) Greek		b) French		
	c) Spanish		d) English		
20.	Which of the follo	wing is absorbed by g	reen plants from the atr	nosphere?	
	a) Carbon dioxide		b) Water	•	
	c) Nutrients		d) All of these		
-					
21.	Eutrophication is				
	a) an improved quality of water in lakes				
	b) a process in car				
1			trients in water bodies		
	d) a water purifica	ition technique			
22	Primary consumer	ris			
-	a) Herbivores		b) Carnivores		
	c) Macro consume	ers	d) Omnivores		
	, made consulta		d) Onthivoles		
			2 of 8		

18CIV59

23.	Which among the following is a climatic factor?					
	a) pressure		b) humidity			
	c) temperat	ure	d) all of these			
24.	Biodiversit	y can be broadly classified	d into how many types?			
	a) 2	b) 5	c) 3	d) 4		
25.	Hot spot are					
	a) Low density of biodiversity		b) Only endangered plants			
	c) High den	sity of hot springs	d) High density of b	iodiversity		
26.	About	% of the earth's surfa	ace is covered by water.			
	a) 53%	b) 19%	c) 71%	d) 90%		
27.	Deforestation	on means				
	a) preservat	tion of forests	b) destruction of for	ests		
		p cultivation	d) agriculture			
28.	When did N	National Disaster Manager	ment Authority formed?			
	a) 2000	b) 2005	c) 2010	d) 2015		
29.	Disaster is an event arising out of					
	a) result of hazard event		b) causes of hazard event			
	c) causes of	f disaster event	d) all of these			
30.	The scientific study of earthquake is called					
	<ul><li>a) seismogr</li></ul>	aph	b) seismology			
	c) both a an	d b	d) none of these			
31.	South Africa is loading exporter of which mineral?					
	a) Copper		b) Diamond			
	c) Silver		d) Gold			
32.			came into existence in the ye	ear.		
	a) 1992	b) 1978	c) 1980	d) 1987		
33.		ord of landscaping is				
	a) Reductio		b) Restoration			
	c) Removin	g topsoil	d) Restore			
34.	Cloud seedi	ng with silver iodide is ba	ased on the			
	a) Bergeron	-	b) Collision-coalesco	ence process		
	c) Both a an	nd b	d) None of these			
35.		ital pollution is due to				
	a) Rapid url		<ul><li>b) Deforestation</li></ul>			
	c) Afforesta	tion	d) a and b			
36.	The liquid v	vaste from bathroom and	kitchen is called			
	a) Sullage		b) Domestic sewage			
1	c) Storm w	ater	d) Runoff			

3 of 8

3/.	BOD means	D	1) 61 : 1	
	a) Biochemical O		b) Chemical oxygen de	emand
	c) Biophysical O	xygen Demand	d) All of these	
38.	Which of the foll	owing source is surface	water?	\
	a) Springs		b) Streams	
	c) Deep wells		d) All of these	
	THE COURSE SHOULD BE SOME			
39.		owing is biodegradable?		
	a) Plastics		b) Domestic sewage	
	c) Detergents		d) a and c	
40	Dlanin a saunda la			
40.	Blaring sounds k		by FE also by Land	
	a) Mental distress		b) High cholesterol	
	c) Neurological	problems	d) All of these	
41.	"Minamata Disea	se" is caused due to	4	
	a) Lead	b) Arsenic	c) Mercury	d) Cadmium
			A .	
42.	Alternative eco-fi	riendly fuel for automob		
	a) Petrol	b) Diesel	c) CNG	d) Kerosene
43.	Donulation avala	nion will course		
43.	Population explos a) Biodiversity	sion will cause	b) Strong on accountam	. ><
		nont -	b) Stress on ecosystem d) None of these	. / /
	c) More employn	icit	d) None of these	
44.	Which of the foll	owing is having high po	bulation density?	
25,500.00	a) India	b) China	c) USA	d) Western Europe
45.	Demography is the			
	<ul> <li>a) Animals behave</li> </ul>	riour	b) Population growth	
	c) River		d) None of these	
	F	1		
46.	Forest are called			D 00 1 1
	a) Air purifier	b) Earth's lungs	c) Oxygen reservoir	d) CO <sub>2</sub> absorbers
47.	Which of the foll	owing is the facility that	the urban people enjoy?	
	a) Better quality		b) Better communicati	on access
	c) Large land at c		d) None of these	on decess
	o, zange and an e		a) Hone of mese	
48.	Which of the foll	owing is an air pollutant	?	
	a) Carbon dioxid	e	b) Oxygen	
	c) Nitrogen		d) Particulate matter	
49.		expired drugs are dispose		
1	a) damping		b) autoclave	
	c) incineration		d) chemical disinfection	on
50	The column of	-fulcatio has for disconti	:	
50.		of plastic bag for dispos	ing of microbial laboratory	culture waste.
1	a) Black		b) Red	
	c) Blue		d) White	
	-		4 of 8	

18CIV59

51.	Which of the following element make e-			
	a) Land	b) Glass		
	c) Plastic	d) Iron		
52.	What is the hazardous pollutant released from batteries?			
	a) Arsenic	b) Barium		
	c) Cobalt	d) Cadmium		
53.	What is the term used for reuse of sewag	ge sludge?		
	a) Compost	b) Solids		
	c) Biosolids	d) Sludge		
54.	Reduction in brightness of the famous Ta	aj Mahal is due to		
	a) Global warming	b) Air pollution		
	c) Ozone depletion	d) Afforestion		
55.	E.I.A. can be expanded as			
	a) Environment and Industrial Act	b) Environment of Impact Activities		
	c) Environmental Impact Assessment	d) Environmentally Important Activity		
56.	Organic Farming is			
50.		abassical Auditors		
	<ul><li>a) Farming without using pesticides and</li><li>b) Enhances biodiversity</li></ul>	Chemical termizer		
	c) Promotes soil biological activity d) All of these			
	u) All of these			
57.	Bio-remediation means the removal of co	antaminants from		
01.	a) Soil	b) Wastewater		
	c) Groundwater	d) Both soil and ground water		
	o) Groundwater	d) Both son and ground water		
58.	Plants use gas for photosyn	thesis.		
	a) Oxygen	b) Methane		
	c) Nitrogen	d) Carbon dioxide		
59.	What is the maximum allowable concent	tration of fluorides in drinking water?		
	a) 1.0 mg/L	b) 1.25 mg/L		
	c) 1.50 mg/l	d) 1.75 mg/L		
60.	Forest rich area in Karnataka is found in			
	a) Western Ghats	b) Bandipur		
	c) Nagarhole	d) Mangalore		
		32 ) - <del>3</del> 2 - 32 - 32 - 32 - 32 - 32 - 32 - 32 -		
61.		arth the percentage of surface water is about		
	a) 50%	b) 10%		
•	c) 5%	d) less than 1%		
62.	Hepatitis is caused by	\		
	a) Protozoa	b) Virus		
1	c) Bacteria	d) Fungus		
1				
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5 of 8

63.	In India groundwater resources are rich in	1	
	<ul> <li>a) Plains of river Kaveri and Krishna</li> </ul>	b) The Deccan plateau	
	c) The Gangetic plains	d) The plains of Netravati and K	Capila
64.	The required iron content in drinking wat	er as specified by BIS is	
	a) 300 mg/l b) 30 mg/l	c) 3 mg/l d) 0.30 m	ng/l
65.	Molasses from sugar industry is used to g	renerate	
05.	a) Biodiesel	b) Hydrogen	
	c) Bioethanol	d) Biomethanol	
66.	Wind Farms are located in		
	a) River basin	b) Plain area	
	c) Hilly area	d) Valley area	
67.	Biomass consists of		
	a) Lignin	b) Hemi cellulose	
	c) Cellulose	d) All of these	
	c) centiose	d) All of these	
68.	Natural gas contains		
	a) Carbon dioxide	b) Hydrogen	
	c) Methane	d) Nitrogen	
69.	Anti tobacco day is mentioned on		
	a) 31 <sup>st</sup> May	b) 30 <sup>st</sup> June	
	c) 31 <sup>st</sup> July	d) 31 <sup>st</sup> August	
70	Paradati a and a face 211		
70.	Population explosion will cause	Wn 10 :	
	a) Socio-Economic Problems	b) Food Scarcity	
	c) Energy crises	d) All of these	
71.	In geosynchronous orbit altitude of the sa	itellite is about	
	a) 36,000 kms	b) 10,000 kms	
	c) 50,000 kms	d) None of these	
72.	The Air (Prevention and Control of Pollu	tion) Act was enacted in the year	
/2.	a) 1987 b) 1981	c) 1991 d) 1988	
73.	Kudremukh Iron are mine, Karnataka wa		
	<ul> <li>a) River pollution and threat to biodivers</li> </ul>	ity	
	b) Land encroachment		
	c) Radioactive hazards		
	d) Serious health hazard		
74.	On the eve of Gandhi Jayanthi which a	andolan was launched by our Hono	orable Prime
	Minister		
1	a) Swedeshi	b) Sarvashikshana Abhiyana	
-	c) Suvarnagrama	d) Swach Bharath	
75	An international agreement signed in the	ne year 1987 to protect stratoenhe	ric ozone is
1	known as	jour 1707, to protect stratospile	TIC OZOTIC IS
	a) Montreal protocol	b) Kyoto protocol	
	c) Earth summit	d) None of these	
		Notes Section (Section Section	
3		6 of 8	
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76.	The explosion of First a) 1946	Atomic Bomb was b) 1986	done in Hiroshima and c) 1945	l Nagasaki in d) 1947
77.	A dangerous pesticide Kerala and Karnataka	which has been rep	orted to cause physica	l deformities to people
	a) Endosulfan	b) Fluorides	c) DDT	d) Dioxygene
78.	Visible portion of EM a) 0.4 - 0.76 μm	R ranges between b) 10.5 - 12.5 μm	c) 8.0 - 14.0 µm	d) None of these
79.	Data representation in Raster data is by a) pixel c) latitude and longitude		b) points, lines and polygon d) none of these	
80.	In water treatment, alu a) softening	m is used for b) coagulation	c) filtration	d) disinfection
81.	GIS stands for a) Geostationary Interac) Geotechnical Inform		b) Geographical Inf	
82.	LPG is a mixture of a) N <sub>2</sub> and H <sub>2</sub> S c) Propane and butane		b) CO <sub>2</sub> and N <sub>2</sub> d) Methane and CO	
83.	The Tiger Conservation a) 1973	on Project was starte b) 1975	d in c) 1981	d) 2000
84.	The leader of "Chipko a) Sunderlal Bahuguna		b) Medha Patkar	
	c) Vandana Shiva	0.	d) Mahatma Gandhi	i (
85.	Which of the following	g is the source of Fl		
	<ul><li>a) Vehicular exhaust</li><li>c) Thermal power pla</li></ul>	nt	b) Sewage d) All of these	
86.	The permissible range a) 6 to 9 c) 6 to 8.5	of pH for drinking	water as per the Indian b) 6.5 to 8.5 d) 6.5 to 7.5	Standard is
87.	Water logging is a phe a) Water patterns are r	otated		
	<ul><li>b) Soil root zone become</li><li>c) Erosion of soil</li><li>d) Soil degradation</li></ul>	mes saturated due to	over irrigation	
88.	Carbon content is high a) Living matter c) Water	er in	b) Soil d) Atmosphere	
89.	Springs means			
1	a) Surface water		b) Atmosphere water	er
	c) Both (a) and (b)		d) Ground water	
			7 of 8	

#### 18CIV59

90.	Bio-remediation means deliberately introducing micro organisms to break pollutants				
	a) Soil		b) Waste water		
	c) Ground water		d) Both soil and gre	oundwater	
91.	The Karnataka Sta	te Pollution Control	Board (KSPCB) was esta	blished in the year.	
	a) 1974	b) 1982	c) 1973	d) 1983	
92.	Which of the following is not a part of the hydrological cycle?				
	a) Precipitation		b) Infiltration		
	c) Transpiration		d) Perspiration		
93.	First International	Earth Summit was he	old at		
	a) USA		b) Russia		
	c) Rio-de-Janerio		d) Johannesburg		
94.	Which among the	following has highes	t percentage of calorific	value?	
	a) Anthracite		b) Peat		
	c) Lignite		d) Bituminous coal		
95.	Nitrogen fixing ba	cteria exists in			
	a) Leaf		b) Stem		
	c) Roots		d) Flower		
96.	The two major components of ecosystem are				
	a) Adiabatic and is		b) Ecologic and cli	matologic	
	c) Cyclic and biole	ogic	d) Abiotic and bio	tic	
97.	Geothermal energ	y is a			
	a) Heat energy		b) Wind energy		
	c) Current energy		d) Solar energy		
98.	The average life e	xpectancy around the	world is currently.		
	a) Decreasing		b) Increasing		
	c) Stabilizing	. 1	d) Not changing		
99.	The universal declaration of Human Rights was proclaimed by the UN in the year.				
	a) 1946		b) 1947		
	c) 1948		d) 1949		
100.	The objective of I	ntegrated Child Deve	lopment Service (ICDS)	аге	
	a) Immunization	A	에서 (c. "Till and Lee Out Lee Hills Hill End and Selection of the Color (C. Till and C. Ti	and referral service	
	c) Pre-school non	formal education	d) All of these		

8 of 8