18CIV59



Question Paper Version : A

Fifth Semester B.E. Degree Examination, July/August 2022 Environmental Studies

(COMMON TO ALL BRANCHES)

SCHE

Time: 2 hrs.]

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[Max. Marks: 100

INSTRUCTIONS TO THE CANDIDATES

1. Answer all the hundred questions, each question carries one mark.

GB(GS)

- 2. Use only Black ball point pen for writing / darkening the circles.
- 3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the OMR sheet.
- 4. Darkening two circles for the same question makes the answer invalid.
- 5. Damaging/overwriting, using whiteners on the OMR sheets are strictly prohibited.

				<u></u>		
1.	The word Tsunami is derived from Two Japanese word					
	a) TSU (Big) and Nami (flow)		b) TSU(harbor) and Na	ame(wave)		
	c) TSU (Big wave)and Nami (wave)		d) None of the above.			
		O				
2.	Green house gasses an	re				
	a) Chloro fluro carbon	n	b) Oxygen			
	c) Chlorine		d) Chloro Benzene.			
		2	6			
3.	Taj Mahal at Agra ma	y be damaged by				
	a) Sulphur Dioxide	b) Chlorine	c) Earth quake	d) All of these.		
	<u>}</u>					
. C						
4.	Ozone day is observe					
	a) January 30	b) April 21	c) September 16	d) December 25.		
		C Y				
5.	ELISA Test is used to	detect				
J.	a) Malaria	b) AIDS	c) Cholera	d) Tuberculosis.		
	a) Wialaria	0) 1105	c) choicia	u) Tuberculosis.		
		9				
6.	Earth day is observed	on				
	a) 1 st December	b) 5 th June	c) April 22 nd	d) 1 st January.		

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7.	Lead Poisoning may a) Reduction in hem c) Mental retardation	oglobin	b) Kidney damage d) All of these.	CENTRAL LIBRARY
8.	Noise pollution limi a) 45dB	ts at residential areas at b) 80 dB	Night is c) 55dB	d) 90dB.
9.	Major purpose of mail a) Power generation c) Flood control		the world is b) Drinking water supply d) Irrigation.	Y
10.	Herpetology is a bra a) Reptiles only c) Mammals	nch of science which d	eals with b) Amphibians and Re d) Fishes.	ptiles
11.	a) Crop patterns are	comes saturated due to	over irrigation	
12.	Coral reefs in India a) Goa c) Andaman and Nic	Ċ	b) Himalayan regiond) Uttar Pradesh.	<u> </u>
13.	In which year salien a) 1984	t valley was declared a b) 1987	s National park c) 1983	d) 1989.
14.	SMOG is a mixturea) Snow and fogc) Sulpher dioxide a		b) Smoke and fog I) Snow and dust	
15.	Effect of modern Ag a) Erosion	griculture on soil is due b) Acidification	to c) Salinization	d) All of the above.
16.	What percentage of a) 23%	its geographical area o b) 43%	a country should be und c) 13%	der forest cover? d) 33%.
17.	About % of t	he earth surface is cove b) 19%	red by water c) 71%	d) 90%.
18.	Forest prevent soil e a) Stems	rosion by binding soil j b) Roots	particles in their c) Leaves	d) Buds.
19.	Blue baby syndrome a) Phosphates	e (methane moglabinen b) Sulpher	iia) is caused by contam c) Arsenic	ination of water due to d) Nitrates.
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al Engineering & Hanage	20.	India has the largest s a) Manganese	share of which of the fo b) Mica	ollowing c) Copper	d) Diamond.
CENTRAL LIBRARY	21.	What is the minimum a) 1.0 mg/L	n Allowable concentrat b) 1.25 mg/L	tion of fluorides in drink c) 1.50 mg/L	ing water d) 1.75 mg/L.
	22.	Nitrogen fixing Bacto a) Leaf	eria exists in – of plant b) Roots	s c) Stem	d) Flower.
	23.	$\frac{1}{a}$ are referred to as a) Forests	Earth's lungs b) Carbon cycle	c) Water sources	d) Mines.
	24.	GIS meansa) Geographic informb) Spatial informationc) Geological informd) Geographical inform	n system ation system	S	
	25.	Cholera and Typhoid a) Warms	l are caused by b) Virus	c) Bacteria	d) Fungus.
	26.	Remote sensing inclua) Images	ides gathering of b) Changes	c) Movements	d) Sounds.
	27.	First satellites launch a) Aryabhatta - 1975	ed by India was and w b) Apple - 1981	hen c) Bhaskara - 1981	d) Kalpana – 1983.
	28.	Biomedical waste ma a) Incineration c) Both a) and b)		b) Autoclaving and land d) None of the above.	l filling
	29.	Which atmospheric la a) Mesosphere	ayer is closest to the ea b) Troposphere	arth surface c) Stratosphere	d) Thermosphere.
	30.	Sulabha Bio-gas plan a) Human excreta	nts are based on the use b) Cattle dung	of c) Agricultural wastes	d) All of these.
	31.	National law day is c a) 1 st April	elebrated on b) 26 th January	c) 26 th November	d) 1 st June.
	32.	Geology is the study a) Animals	of b) Mammals	c) Science of earth	d) Space.
	33.	Housing has become a) Increased populati c) High cost	inaccessible to the poo on	or due to b) Non-availability of d) None of above.	food
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of Engineering & Hanagemer	34.	Major source of fluor a) River water	b) Ground water	c) Food product	d) Both a) and c).
LIBRARY LIBRARY	35.	World AIDS Day is a a) 15 th Aug	celebrated on b) 1 st Sept	c) 1 st Jan	d) 1 st December.
	36.	A food web consists a) Portion of food ch c) Inter locking of fo	ain	b) Producers, Consud) A set of similar consultation	imers and Decomposers
	37.	b) The Result of Accc) A process in carbo			S
	38.	 d) A water purification EIA can be expanded a) Environmental and b) Environment impand c) Environment impand d) Environmental int 	l as d Industrial Activities act activities act assessment	G ⁱ	
	39.	Identity the non rene a) Coal	wable source of energy b) Tidal power	from the following : c) Wind power	d) Wave power.
	40.	An Alternative eco-fa) Petrol	riendly fuel for Autom b) Diesel	obiles is c) CNG	d) Kerosene.
	41.	Chernobyl nuclear di a) 1984	isaster occurred in the y b) 1952	year c) 1986	d) 1987.
	42.	Minamata disease is a) Lead	caused by b) Mercury	c) Cadmium	d) Arsenic.
	43.	1 0 0 0	occur due to leakage of e b) Sulphur dioxide	· · · · · · · · · · · · · · · · · · ·	d) Methane gas.
	44.	Nuclear fusion reacti a) Sun	on occurs in the b) Stars	c) Hydrogen bomb	d) All of these.
	45.	Definition of noise is a) Loud sound c) Constant sound		b) Unwanted soundd) Sound of high free	quency.
	46.	Demography is the st a) Animal behavior	tudy of b) Geography	c) Rivers	d) Population growth.
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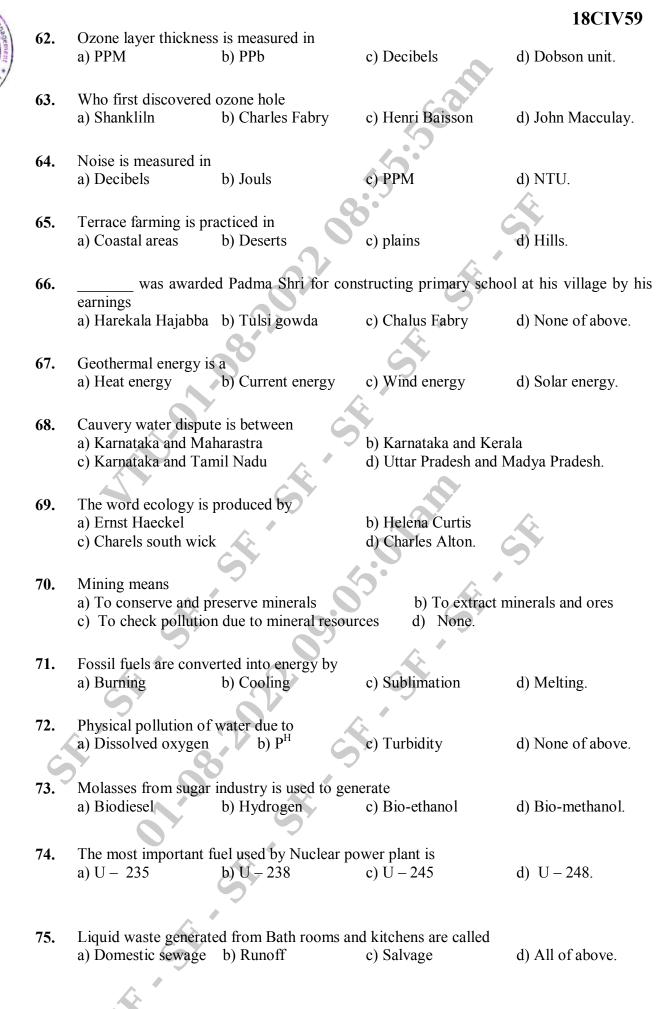
47.	Acid Rain is caused b a) Ozone and dust	by increase in the atmosphere by SO ₂ and NO ₂	c) SO ₃ and CO	f d) CO_2 and CO .
48.	Global warming coula) Climatec) Melting of glaciers		b) increase in sea leveld) All of these.	
49.	The Wild Life Protec a) 1978	tion Act in India was j b) 1972	passed in c) 1986	d) 1992.
50.	Environment Protecti a) 1986	on Act was enacted in b) 1974	c) 1992	d) 1984.
51.	Environment protecti a) 48 – A	on is the fundamental b) 47 – A	duties of the citizen of I c) 51 – A	ndia under the article d) $21 - B$.
52.	The Forest Conservat a) 1986	ion Act was enacted i b) 1974	n the year c) 1980	d) 1972.
53.	The major contributo a) Pre cursors	rs of the acid rain are b) Processors	known as c) Protons	d) Pollutants.
54.	Typical Acid Rain pH a) 4.0	I is b) 5.5	c) 6.0	d) 4.0 - 6.0.
55.	Pesticide causes a) Eye irritation c) Respiratory ailmen	ıts	b) Skin irritation d) All of Above.	0
56.	Percentage of fresh w a) 2.8%	vater available below t b) 2.2%	he earth is c) 9.8%	d) 2.15%.
57.	The Quantity of solar a) 71%	energy received by th b) 99%	ne earth c) 45%	d) 15%.
58.	Which pyramid is alv a) Energy	vays upright b) Biomass	c) Number	d) Food chain.
59.	The leader of Chipko a) Sunderlal Bahugur c) Vandana Shiva		b) Medha Patkar d) Suresh Heblikar.	
60.	Padma Shri was re Recently a) Saalumarada Thim c) Vandana		contribution toward c b) Tulsi Gowda d) Ramnath.	conservation of Trees
61.	The first internationa a) New Delhi	l earth summit was he b) Kyoto	ld in c) Stockholm	d) Rio de Janeiro.
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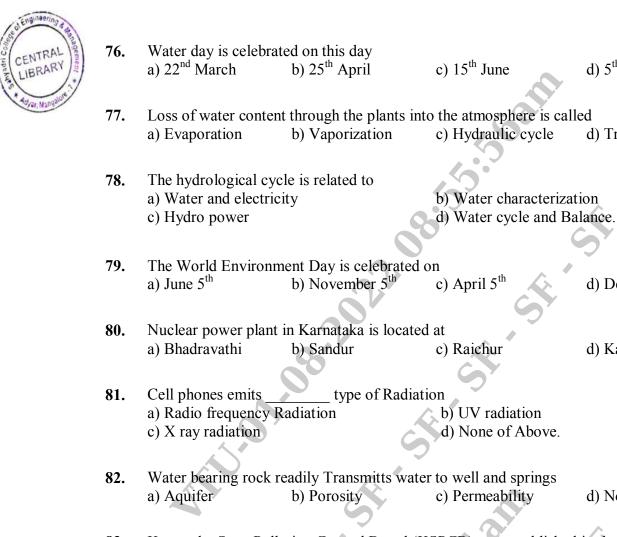
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d) None of Above.

d) None of these.

Karnataka State Pollution Control Board (KSPCB) was established in the year. 83. a) 1947 b) 1982 c) 1986 d) 1974.

- 84. In the world's population, India Accounts for a) 10% b) 5% c) 17.7% d) 16%.
- Which of the following is not a biodegradable pollutant 85. a) Plastic b) Skins of vegetable and Fruits c) Dry leaves d) Paper.
- Sundarbans is the name of place in 86. b) West Bengal a) Assam c) Karnataka
- 87. Western ghats are locate in a) North East India b) Maharashtra c) Peninsular India d) Gujarat.
- 88. DDT is a c) Fertilizer d) Disinfectant. a) Fungicide b) Pesticide
- 89. Kala Azar is spread by a) Sand files b) Mosquitoes d) Tapeworms. c) Rats

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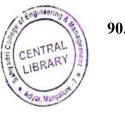
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d) 5th June.

d) Transpiration.

d) December 26th.

d) Kaiga.



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90.	SARA refer to	. 1		
	a) Severe acute respinb) Self acute respirate			
	c) Severe acute respirato			
	d) Self accurate rest s		Gor	
	,	5		
91.	Landslides are caused	1 bv		
/1.	a) Earth quakes	b) Dam buildings	c) Mining	d) All of these.
	, 1	,		Å
92.	The virus that causes	AIDS is	5	
	a) HIV	b) TMV	c) HMV	d) None of these.
93.	Rearing fish is called			
	a) Sericulture	b) Fish culture	c) Pisci culture	d) Horti culture.
			r. 4	
94.	Percentage methane	content of Biogas is		
	a) 50 to 70%	b) 85%	c) 5%	d) 95%
95.	Environment means		Č.	
201	a) A beautiful land so	cape	b) Industrial production	on
	c) Air and water		d) Sum of total all cor	
96.	Taungya system is	5		
	a) Agro forestry	b) Mining	c) Exhaustable	d) None of these.
			O Y	
97.	Lithosphere means	5		\checkmark
2	a) Air	b) Water	c) Micro-organisms	d) Rock and Soils.
98.	Which among the fol	lowing is a climate fac	tor	
	a) Pressure	b) Humidity	c) Temperature	d) All of these.
			C Y	
99.	The forest is	a V		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	a) Abiotic	b) Biotic	c) Both A and B	d) None of these.
		,		
100.	Store hours of minera	als is		
100.	a) Soil	b) Water	c) Forest	d) All of these.
		C Y		
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