CBCS SCHEME

21CIV57

USN

Question Paper Version : A

Fifth Semester B.E./B.Tech. Degree Examination, June/July 2024 Environmental Studies

Time: 1 hr.]

[Max. Marks: 50

INSTRUCTIONS TO THE CANDIDATES

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

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1.	In an ecosystem, the flo	ow of energy is		9	
	a) Biodirectional	b) Cyclic	c) Unidirectional	d) Multidirectional	
	Which of the following	is a biotic componer	nt of an ecosystem?		
	a) Fungi	b) Solar light	c) Temperature	d) Humidity	
•	Which pyramid is alwa	ys upright?			
	a) Energy	b) Biomass	c) Numbers	d) Food chain	
	The largest reservoir of nitrogen in our planet is,				
	a)Oceans	b) Atmosphere	c) Biosphere	d) Fossil fuels	
R:	Sec.				
•	Abiotic components inc		c) Water	d) All of these	
	a) Soil	b) Temperature	c) water	u) All of these	
•	Primary consumer is,				
	a)Herbivores	b) Carnivores	c) Macro consume	rsd) Omnivores	
	The word "Environmer	nt" is derived from			
	a)Greek	b) French	c) Spanish	d) English	
	Mineral is,				
•	a) Organic matter		b) Naturally occur	ring inorganic substance	
	c) Synthesis compound	ē.	'd) None of these		
	America	Ve	r A – 1		
	6)				

9.	The term ecosystem was first proposed a)Jacob Van Verkul b) A.G.Transl					
10.	Gold occur in, a)Sedimentary Deposits c) Hydrothermal deposits	b) Places depositsd) None of these				
11.	Fluorosis is caused due to, a) No fluoride intake c) Excessive fluoride intake	b) Low fluoride intake d) None of these				
12.	Decrease of oxygen level in water mai a)Fluorosis c) Water pollution	hly causes, b) Death of aquatic life d) Both (b) and (c)				
13.	Mineral resource are, a) Renewable b) Non-Renew	vable c) Equally distributed d) None of these				
14.	Deforestation can, a) Increase the rainfall c) Introduce silt in rivers	b) Increase Soil fertilityd) None of these				
15.	Plants usegas for photosynt a)Oxygen b) Methane	esis. c) Nitrogen d) Carbon dioxide				
16.	Forests prevent soil erosion by binding a) Stems b) Roots	soil particles in their, c) Leaves d) Buds				
17.	Nitrogen fixing bacteria exists in a)Leaf b) Roots	_ of plants? c) Steam d) Flower				
18.	Which of the following is the source of a)Oceans b) Springs	f ground water? c) Rivers d) All of these				
19.	The effluents from urban areas contain a) Oil and greases c) Nutrients	b) Detergents d) All of these				
20.	Maximum dissolved oxygen is require a) Fish b) Bacteria	d by, c) Vegetables d) All of these				
21.	Which of the following is not a compo a) Mineral matter b) Organic matter					
22.	Definition of Noise is, a) Loud sound b) Unwanted	sound c) Constant sound d) Sound of high frequency				
23.	The Noise is measured in, a) Decibels b) Joules	c) PPM d) NTU				
	Ver A – 2					

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Ver A - 2

24.	Noise pollution can be minimized by, a) Urbanization c) Reducing noise at source	b) Maintaining silenced) None of these		
25.	Bursting crackers mainly causes, a)Noise pollution b) Plastic pollution	c) Marine pollutior	a d) None of these	
26.	Water pollution can be minimized by, a)Releasing sewage to ocean c) Treating waste water	b) Releasing effluent to waste landd) None of these		
27.	Chlorine can be used to, a)To kill pathogenic microorganisms c) To clear the turbidity	b) To increase the pHd) All of these		
28.	Carbon content is higher in, a)Soil b) Atmosphere	c) Water	d) Living matter	
29.	The depletion of trees is causing accumulation a)NO ₃ b) SO ₂	on of c) $\overline{CO_2}$.	d) O ₂	
30.	The adverse effect of modern agriculture is, a)Water pollution b) Soil degradation	c) Water logging	d) All of these	
31.	E.I.A is related to,a)Resource conservationc) Waste minimization	b) Efficient Equipr d) All of these	nent process	
32.	"Earth Day" is held every year on, a)June 5 th b) November 23 rd	c) April 22 nd	d) January 26 th	
33.	Which of the following is the most environm a)Using chemical fertilizers c) Organic farming	nental friendly agricul b) Using insecticid d) None of these	ture practice? es	
34.	The diesel vehicles pollute the environmenta a)NO _x b) CO	l largely through, c) Unburnt hydroca	arbons d) All of these	
35.	Which among the following is clean fuel? a)Petrol b) Diesel	c) Electricity	d) CNG	
36.	Which among the following is not a greenho a)N ₂ O b) CFC's	use gas,? c) HFA's	d) None of these	
37.	The protocol that reduces greenhouse gas emission's are, a)Kyoto protocol b) Cartagena protocol c) Montreal protocol d) Vienna protocol			
38.	 Global Warming could affect, a) Climate b) Increase in Sea level d) All of these 		level	
	Ve	r A - 3		
	2.			

39.	Which of the following is a source of SO2 in atmosphere?a)Volcanoesb) Thermal power plantsc) H2SO4 manufacturingd) All of these				
40.	Atmospheric oxidation a) Sunlight c)Presence of hydroca		b) Humidity d) All of these		
41.	Acid Rain effects a)Materials	 b) Plants	c) Soil	d) All of these	
42.	Ozone layer is present a) Troposphere	in, b) Stratosphere	c) Mesosphere	d) Thermosphere	
43.	Which of the following a)Decibels	g is the unit for measu b) Dobson unit	ring the thickness of c c) Centimeter	d) None of these	
44.	CFC's have been used a)Solvents c) Blowing agents for		b) Refrigerants d) All of these		
45.	Ozone hole was first d a) Arctic	iscovered over, b) Antarctica	c) Tropical region	d) Africa	
46.	The term acid rain was a) 1952	coined in the year, b) 1852	c) 1652	d) 1752	
47.	Which of the following is not a source of CC a)Burning of fossil fuels c) Volcanic Eruptions		D₂ in the atmosphere?b) Photosynthesisd)Animal and plant respiration and decay		
48.	Increase in Asthma attacks has been linked t a)Oxygen c) Nitrogen		to high levels of, b) Airborne dust particles d) All of these		
49.	Food chain is divided a) Four	into basic ca b) Three	tegories. c) Five	d) Seven	
50.	About ³ ⁄ ₄ of the country a)Karnataka	y's coal deposits are f b) Tamil Nadu	ound in, c) Kashmir	d) Bihar and Orissa.	
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