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First/Second Semester B.E Degree Examination, January 2013

Environmental Studies

(COMMON TO ALL BRANCHES)

Time: 2 hrs.]

[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.

1.	The percentage of water accour a) 90%	ited by oceans and seas, is b) 87%	c) 97%	d) 99%	
2.	Salim Ali was an expert in a) agricultural sciences	b) rainwater harvesting	c) ornithology	d) environmental law	
3.	Which of the following disease: a) diarrhea	s is not spread by water? b) chickenpox	c) cholera	d) dysentery	
4.	D.D.T. is a a) fungicide	b) pesticide	c) fertilizer	d) disinfectant	
5.	Which of the following waste n a) plastic	naterial is degradable? b) metal	c) glass	d) paper	
6.	Coal is a a) renewable source of energy c) non-renewable source of ene	rgy	b) inexhaustible source of d) none of these	fenergy	
7.	Which of the following is a non a) Coal	-polluting source of energy? b) Petroleum	c) Natural gas	d) Solar energy	
8.	Deforestation is majorly caused a) mining	by b) overgrazing	c) dam building	d) all of these	
9.	Major dams may cause a) earthquakes	b) hurricanes	c) storms	d) cyclones	
10.	Maximum usage of water is in t a) industries	he filed of b) homes	c) agriculture	d) none of these	
11.	, .) Narmada Bachao Andolan	c) Green Revolution	d) Silent Valley Project	
12.	Examples of renewable resource a) wind energy	es are b) solar energy	c) tidal energy	d) all of these	
13.	Biogas is made up mostly of a) hydrogen	b) carbon dioxide	c) ethane	d) methane	
14.	Pyramid of numbers in a pond of a) inverted	b) erect	c) irregular	d) none of these	
15.	Cycling of materials in the bios a) biochemical cycle		c) biogeochemical cycle	d) geochemical cycle	
16.	Pyramid of energy is always a) inverted	b) erect	c) rectangular	d) none of these	
17.	Herbivores are a) primary producers	b) consumers	c) decomposers	d) all of these	
18.	The sequence of organisms in a a) consumer → producer → dec c) producer → decomposer →	composer	 b) decomposer → consumer → producer d) producer → consumer → decomposer 		
19.	Which of the following is a top a) Tiger	carnivore? b) Crocodile	c) Hawk	d) All of these	
20.	One method of Nitrogen fixatio a) thunder	n in nature is by b) rain	c) lightning	d) storm	
21.	Energy flow in any ecosystem is a) bidirectional	s always b) unidirectional	c) multidirectional	d) none of these	-A1-

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22.	Sundarbans is the name of placa) Assam	ee in b) West Bengal	c) Karnataka	d) All of these
23.	Mangrove forests are seen in a) Mumbai	b) Nicobar Islands	c) West Bengal	d) All of these
24.	Rearing fish is called a) pisciculture	b) sericulture	c) fishiculture	d) horticulture
25.	Western Ghats are not located a) North-East India	in b) Maharastra	c) Peninsular India	d) Gujarat
26.	Radiation is a health hazard be a) typhoid	cause it leads to b) cancer	c) colour blindness	d) pneumonia
27.	Which of these gases causes ai a) Nitrogen	r pollution? b) Hydrogen	c) Water vapour	d) Carbon monoxide
28.	Kitchen Wastes contain a) non-biodegradable pollutan	ts b) biodegradable pollutant	s c) radioactive pollutants	d) none of these
29.	Water pollution is caused by a) sewage	b) industrial effluents	c) discharge from forms	d) all of these
30.	D.D.T. pollutes a) air	b) water	c) soil	d) all of these
31.	Which of the following is not a a) Plastic	biodegradable pollutant? b) Skins of vegetables and fruit	c) Dry leaves	d) Paper
32.	Minamata disease is caused by a) cadmium	b) strontium	c) mercury	d) uranium
33.	BOD stands for a) Biochemical Oxygen Demar c) Biogeochemical Oxygen De	nd mand	b) Biological Oxygen Den d) None of these	nand
34.	Greenhouse effect is caused by a) CO ₂	excess of b) H ₂	c) He	d) O ₂
35.	Photochemical smog is caused a) $PAN + O_2$	by b) PAN + O ₃	c) $O_3 + O_2$	d) $PAN + CO_2$
36.	Which of the following is not a a) CO ₂	greenhouse gas? b) CH ₄	c) CFC	d) H ₂
37.	Ionizing radiations of ecologica a) α - rays	al importance are b) β - rays	c) y - rays	d) all of these
38.	The proportion of methane in b a) 20 to 30%	iogas is b) 10 to 30%	c) 60 to 70%	d) 80 to 90%
39.	Which is not a natural disaster? a) Cyclone	b) Nuclear explosion	c) Earthquake	d) Volcano
40.	Landslides are caused by a) earthquakes	b) dam building	c) mining	d) all of these
41.	In the world's population, India a) 10%	accounts for b) 5%	c) 25%	d) 16%
42.	World Environmental Day is co a) 5 th June	elebrated on b) 11 th June	c) 12 th January	d) 8 th September
43.	Excess fluorides in drinking wa a) blue babies	nter is likely to cause b) flurosis	c) taste and odour	d) intestinal irritation
44.	The leader of Chipko movemer a) Sunderlal Bahuguna	nt is b) Medha Patkar	c) Vandana Shiva	d) Suresh Heblikar
45.	E.I.A. can be expanded asa) Environment and Industrialc) Environment Impact Assess		b) Environment and Impac d) Environmentally Import	
46.	Environmental Education is tar a) general public	geted to b) professional social groups	c) technicians and sc	ientists d) all of these
47.	Bhopal gas tragedy caused due a) Methyl Iso Cyanate (MIC)	to leakage of b) Suplhur dioxide	c) Mustard gas	d) Methane
48.	Which state is having highest wa) Karnataka	vomen literacy rate in India? b) Punjab	c) Rajasthan	d) Kerala
49.	The virus that causes AIDS is a) HIV	b) TMV	c) HMV	d) none of these
50.	Kalahazar is spread by a) tape worms	b) rats	c) mosquitoes	d) sand flies

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