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FIRST Semester B. E. Degree Semester End Examination (SEE), Jan/ Feb 2024

Environmental Studies

(Model Question Paper - 1)

[Time: 3 Hours] **[Maximum Marks: 100**

Instructions to students:

i. **Answer All Questions.**
ii. **Use BLACK ball point pen.**

Module 1

		Marks	CO	RBT Level
1.	The term Environment has been derived from the French word which means to encircle a. Environ b. Oikos c. Geo d. Aqua	1	CO1	L1
2	In a food chain humans are a. Primary consume b. Secondary consumers c. Primary and secondary consumers d. Producers	1	CO1	L1
3	The word Environment is derived from a. Greek b. French c. Spanish d. English	1	CO1	L1
	Environment is the life support system that includes a. Air b. Water c. Land d. All of the above	1	CO1	L1
5	The objective of environmental education is a. Raise consciousness about environmental conditions b. To teach environmentally appropriate behavior c. Create an environmental ethic d. All of the above	1	CO1	L1
6	Which of the following conceptual spheres of the environment is having the least storage capacity for matter? a. Atmosphere b. Lithosphere c. Hydrosphere d. Biosphere	1	CO1	L1
7	Which of the following components of the environment are effective transporters of matter? a. Atmosphere and Hydrosphere b. Atmosphere and Lithosphere c. Hydrosphere and Lithosphere d. Biosphere and Lithosphere	1	CO1	L1
8	Amount of CO_2 content in atmospheric air is normally a. 0.21% b. 0.416% c. 0.318%	1	CO1	L1

	d. 0.428%			
9	Among fresh water availability on earth, the percentage of groundwater is about a. 0.2% b. 0.6% c. 0.8% d. 1.0	**1**	**CO1**	**L1**
10	Amount of fresh water available on earth is a. 2.8 % b b. 2.2% c. 0.6 % d. 2.15%	**1**	**CO1**	**L1**
11	Intensive agriculture led to deposition of excessive quantity of ……. into aquatic and terrestrial ecosystem. a. Nitrogen b. Phosphorus c. Sulphur d. None	**1**	**CO1**	**L1**
12	Which of the following is a secondary air pollutant? a. Carbon monoxide b. Sulphur dioxide c. Ozone d. Carbon dioxide	**1**	**CO1**	**L1**
13	Pesticide causes a. Eye irritation b. Skin irritation c. Respiratory ailments d. All of these	**1**	**CO1**	**L1**
14	Increased use of pesticides causes a. genetic damage b. genetic resistance c. both a and b d. none	**1**	**CO1**	**L1**
15	Eutrophication is a. an improved quality of water in lakes b. a process in carbon cycle c. the result to accumulation of plant nutrients in water bodies d. a water purification technique	**1**	**CO1**	**L1**
16	BOD is a measure of a. Non biodegradable organic matter b. Biodegradable organic matter c. Both a and b d. None of these	**1**	**CO1**	**L1**
17	The adverse effect of modern agriculture is a. Water pollution b. Soil degradation c. Water logging d. All of the above	**1**	**CO1**	**L1**
18	Soil erosion removes surface soil which contains a. Organic matter b. Plant nutrients c. Both a and b d. None of the above	**1**	**CO1**	**L1**
19	Which is considered as the energy of the future? a. Wind b. Hydrogen c. Ocean d. None of these	**1**	**CO1**	**L1**

20	"Minamata Disease" is caused due to a. Lead b. Arsenic c. Mercury d. Cadmium	**1**	**CO1**	**L1**
21	Urban solid waste is known as a. Garbage b. rubbish c. refuse d. all	**1**	**CO1**	**L1**
22	Which of the following is the ill- effect of urbanization? a. Decrease in agriculture land b. Loss of greenery c. Loss of water bodies d. All these	**1**	**CO2**	**L1**
23	Major problem/s due to industrialization is /are a. Urbanization b. Migration of people c. Development of slums d. All	**1**	**CO3**	**L1**
24	Bhopal Gas Tragedy caused due to leakage of a. Methyl Iso Cyanate (MIC) b. Sulphur dioxide c. Mustard gas d. Methane	**1**	**CO3**	**L1**
25	Tidal power plants are not preferred by environmentalists because a. Tidal power is a renewable source b. Tidal power can be developed only in coasts c. Tidal power stations bring about major ecological changes in sensitive coastal ecosystem d. None of these	**1**	**CO3**	**L1**
26	Environmental impact of mining a. Brings order into social setup b. Devastation of ecosystem c. Present mining activity is a sustainable development d. Mining has no adverse effect on ecosystem as it is located in remote areas	**1**	**CO3**	**L1**
27	Bhopal gas tragedy occurred in the year a. 1974 b. 1984 c. 1994 d. 1979	**1**	**CO3**	**L1**
28	Which of the following are major environmental issues involved in mining activity? a. Air pollution and dust b. Water pollution c. Soil degradation d. All these	**1**	**CO4**	**L1**
29	Sound beyond which of the following level can be regarded as a pollutant a. 40 dB b. 80 dB c. l20 dB d. 150 dB	**1**	**CO4**	**L1**
30	E.I.A can be expanded as a. Environment & Industrial Act b. Environment & Impact Activities c. Environmental Impact Assessment d. Environmentally Important Activity	**1**	**CO4**	**L1**
31	The Karnataka State Pollution Control Board (KSPCB) was established in the year a. 1974 b. 1982	**1**	**CO4**	**L1**

	c. 1986 d. 1976			
32	Which of the followings is NGO? a) Narmada Bachao Andolan b) CPCB c) KSPCB d) None	**1**	**CO4**	**L1**
33	Which of the following is empowered to take measures to protect & improve environment as per the Environment (Protection) Act? a. Central Govt. b. State Government c. Corporation d. None	**1**	**CO4**	**L1**
34	Which of the following is the authority to monitor industrial effluents? a. Center for Science & Environment b. State Pollution Control Board c. Indian Environmental Association d. None	**1**	**CO4**	**L1**
35	The leader of Chipko movement is: a. Sunderlal Bahuguna b. Medha Patkar c. Vandana Shiva d. Suresh Heblikar	**1**	**CO4**	**L1**
36	The goal of National Parks & Wild life Sanctuaries is a. To promote international trading of animals & their products b. To evacuate tribal people from forest c. Conservation of Wild Life d. None of the above.	**1**	**CO4**	**L1**
37	The major contributors to the acid rain are known as a. Precursors b. Processors c. Protons d. Pollutants	**1**	**CO3**	**L1**
38	Acid rain has been increasing day by day due to a. Urbanization b. industrialization c. increase in vehicle population d. none of the above	**1**	**CO2**	**L1**
39	Global Warming could affect a. Climate b. Increase in Sea level c. Melting of glaciers d. All the above	**1**	**CO2**	**L1**
40	Normal average thickness of stratospheric ozone layer across the globe is around a. 230 DU b. 300 DU c. 400 DU d. 500 DU	**1**	**CO3**	**L1**
41	Which of the following is the purpose of animal husbandry? a. conservation of animal husbandry b. production of meat c. conservation of wildlife. d. conservation of forests.	**1**	**CO3**	**L1**
42	Live stock wastes release large amount of_____ into environment. a. NH_4 b. NH_3 c. NO_3 d. NO_4	**1**	**CO3**	**L1**

43	An important NGO involved in Global environmental protection i a. UNICEF b. Green Peace c. WHO d. CPCB	**1**	**CO3**	**L1**
44	Silent Valley movement succeeded in a. Waste management in sea coast b. Canceling the state government Hydel project and saving the Lion- Tailed Monkeys c. Promoting marine fishery business in Kerala d. None of the above	**1**	**CO3**	**L1**
45	The method of rain water harvesting which can be best adopted by local governments or panchayats is a) construction of check dams across local streams b) construction of recharge trenches in village ponds and storm water drains c) creation of new water bodies like ponds d) all the above	**1**	**CO2**	**L1**
46	The Forest (Conservation) Act was enacted in the year a) 1986 b) 1974 c) 1980 d) 1972	**1**	**CO2**	**L1**
47	In which year did the Hon'ble supreme court of India made environment education compulsory subject at all levels of education? a) 2000 b) 2001 c) 2002 d) 2003	**1**	**CO3**	**L1**
48	Acid rain can be controlled by a) Reducing $S0_2$ and $N0_2$ emissions. b) Reducing oxygen emission. c) Increasing number of lakes. d) Increasing the forest cover	**1**	**CO3**	**L1**
49	Ozone layer thickness is measured in a) PPM b) PPB c) Decibels a) Dobson Units	**1**	**CO3**	**L1**
50	Freons are a) HFC b) CFC c) NFC d) Hydrocarbons	**1**	**CO3**	**L1**