

USN

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



## Internal Assessment Test 2 – December 2024

Sub	ENVIRONMENTAL STUDIES					Sub Code	BESK508	Branch	ECE
Date	16.12.2024	Duration:	90 mins	Max Marks:	50	Sem	V		

## Answer all the questions (Each carry 1 mark)

1	Maximum allowable concentration of fluoride in drinking water is? [c] (a) 1.25 mg/l (b) 1.0 mg/l (c) <b>1.5 mg/l</b> (d) 2 mg/l	15	Which is the most common method of disposing waste? [d] (a) Incineration (b) Land fill (c) Waste recovery (d) <b>All of the above</b>
2	Excess of fluoride in drinking water is likely to cause? [c] (a) Taste and odour (b) Blue baby (c) <b>Fluorosis</b> (d) Dental caries	16	Cytotoxic should be placed in which color container? [c] (a) Yellow (b) Grey (c) <b>Red</b> (d) Blue
3	Atmospheric pollutants are largely present in [a] (a) <b>Troposphere</b> (b) Stratosphere (c) Mesosphere (d) All	17	Where would you put a syringe? [b] (a) Pharma pail (b) <b>Sharp container</b> (c) Grey/yellow pail (d) Red container
4	Major sources of NO <sub>x</sub> pollution are [d] (a) combustion of coal and oil (b) Natural gas (c) Gasoline (d) <b>All</b>	18	The prescribed hardness limit of portable water ranges between.....to..... PPM? [b] (a) 50-75 (b) <b>75-115</b> (c) 100-150 (d) 150-200
5	Fossil fuel burning contributes [d] (a) NO (b) SO <sub>2</sub> (c) O <sub>3</sub> (d) <b>All</b>	19	Biomedical waste includes? [a] (a) <b>Infectious and non-infectious</b> (b) waste due to wear and tear of the equipment used (c) Food waste (d) All of these
6	Inhalation of Hg affects on [a] (a) <b>Nervous system</b> (b) Skin (c) Hair (d) Kidney	20	Biomedical wastage should be treated within [a] (a) <b>48 H</b> (b) 12 H (c) 56 H (d) 32 H
7	World environment day is on [b] (a) 5 May (b) <b>5 June</b> (c) 18 July (d) 15 August	21	What percentage of the Earth's water is fresh water? [a] (a) <b>3%</b> (b) 10% (c) 20% (d) 50%
8	The cigarette smoke contains carcinogenic compounds such as [d] (a) Phosgene (b) CO <sub>2</sub> (c) Benzopyrene (d) <b>both a and b</b>	22	Human anatomical waste and microbiological/biotechnological waste, solid waste has to be disposed into-----baggage? [a] (a) <b>Yellow</b> (b) Blue (c) Orange (d) Grey
9	Bhopal gas tragedy occurred in the year 1984 was due to [c] (a) Hg (b) As (c) <b>Methyl isocyanate</b> (d) Pb	23	Different types of disinfection methods used are? [a] (a) <b>Chemical, autoclave, hydroclave, microwave</b> (b) burning (c) only fumigation (d) using disinfection fluid
10	Air pollution from automobiles can be controlled by providing? [c] (a) Wet collector (b) Scrubbers (c) <b>Catalytic converters</b> (d) All	24	In water treatment alum is used for? [b] (a) softening (b) <b>coagulation</b> (c) filtration (d) disinfection
11	The noise level human can hear without discomfort is [c] (a) 140dB (b) 110dB (c) <b>80dB</b> (d) 190dB	25	The urban solid waste is known as? [a] (a) <b>garbage</b> (b) rubbish (c) refuse (d) silt
12	What are the health hazards which can be caused by E-waste [d] (a) Brain cancer (b) Lung cancer (c) DNA damage (d) <b>All of the above</b>	26	Greenhouse effect causes? [a] (a) <b>Rise in temperature of the earth</b> (b) Increase in rain fall (c)
13	What is the most valuable recyclable component of a circuit board? [c] (a) Copper (b) Silver (c) <b>Gold</b> (d) Platinum		
14	What is municipal solid waste disposal? [d] (a) The placement of the land (b) Incineration (c) In sanitary land fill site (d) <b>All the above</b>		

	lowering of acid rain (d) lowering in temperature of the earth
27	During the day time the green plant absorbs? [c] (a) CO (b) O <sub>2</sub> (c) <b>CO<sub>2</sub></b> (d) NO <sub>2</sub>
28	Global warming effects on [d] (a) food production (b) melting of glaciers (c) climate change (d) <b>All</b>
29	The global warming potential of CO <sub>2</sub> is? [c] (a) 10 (b) 11 (c) <b>1</b> (d) 500
30	What is approximate contribution of energy uses for the global warming [c] (a) 14% (b) 24% (c) <b>49%</b> (d) 13%
31	The estimated sea level rise by the year 2030 due to global warming is [b] (a) 5-10 cm (b) <b>10-30 cm</b> (c) 30-100 cm (d) 10-50 cm
32	Reduction of greenhouse gases can be achieved by [c] (a) Improving the efficiency of electricity generation (b) switching to less polluting fossil fuels (c) <b>both a and b</b> (d) none
33	Urbanisation can alter the nature of [c] (a) Temperature (b) Precipitation (c) <b>both a and b</b> (d) none
34	Light duty petrol vehicles mainly contribute [d] (a) CO (b) Hydrocarbon (c) NO (d) <b>both a and b</b>
35	Which of the following contains a high content of lead? [b] (a) coal (b) <b>high octane fuel</b> (c) diesel (d) low octane fuel
36	The primary source of acid rain is due to? [a] (a) <b>SO<sub>2</sub></b> (b) O <sub>3</sub> (c) CO <sub>2</sub> (d) CO
37	The pH of acid rain is? [a] (a) <b>less than 5.2</b> (b) less than 5.6 (c) less than 6.2 (d) less than 5.8
38	Which is responsible for ozone layer depletion? [c] (a) methyl bromide (b) CFCs (c) hydrochlorofluoro carbons (d) <b>All</b>
39	An average thickness ozone layer in stratosphere is? [d] (a) 1000 DU (b) 100 DU (c) 50 DU (d) <b>230 DU</b>
40	The international protocol to protect the ozone layer is? [c] (a) Kyoto protocol (b) Basal protocol (c) <b>Montreal protocol</b> (d) Vienna protocol
41	To achieve the goal of clean environment, important strategies required are? [d] (a) effective laws (b) active participation of the public (c) active participation of NGO's (d) <b>both a and b</b>

42	The first united nations conference on human environment was held at Stockholm in? [b] (a) December 1972 (b) <b>June 1972</b> (c) June 1974 (d) June 1992
43	The environment protection act of India was enacted in the year? [a] (a) <b>1986</b> (b) 1992 (c) 1984 (d) 1974
44	Central pollution control board was established under the provision of? [c] (a) The environmental protection act 1986 (b) The water (prevention and control of pollution) act 1974 (c) <b>The water (prevention and control of pollution) cress rule 1978</b> (d) The air act 1981
45	Karnataka state pollution control board was established in the year? [a] (a) <b>1974</b> (b) 1982 (c) 1986 (d) 1976
46	The environmental protection act deals with? [d] (a) Air (b) water (c) land (d) <b>All</b>
47	The objective of the wildlife protection act 1972 is? [d] (a) to preserve the biodiversity (b) to maintain essential ecological and life supporting systems (c) protection and conservation of wildlife (d) <b>All</b>
48	Which of the following is an NGO? [a] (a) <b>Narmada Bachao andolan</b> (b) Bombay natural history society (c) centre for science and environment (d) <b>All</b>
49	The air (prevention and control of pollution) act of India was enacted in the year? [a] (a) <b>1981</b> (b) 1992 (c) 1986 (d) 1974
50	The government of India enacted the water (prevention and control of pollution) act in the year? [b] (a) 1972 (b) <b>1974</b> (c) 1977 (d) 1978

Course instructor

CCI

HOD