CBCS SCHEME

BCS508

Dec.2024/Jan.2025 Management [Max. Marks: 50 DATES Tark. circles. the appropriate circle fix sheet. swer invalid. MR sheets are strictly faquatic species? d) 4 mg/L
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MR sheets are strictly faquatic species?
f aquatic species?
The second secon
d in the cities? d) All of these
peels and yard trimmings? e aste
dividual level? d) Burning
aste in a properly designed ting d) Incineration
earthworms is called d) Shredding
spended impurities from it
d) Municipal
atory culture waste d) white

10.	Which of the following are the main contributors of the e-waste in the world?
10.	I. Refrigerators / freezers, washing machines, dishwashers.
	II. Small household appliances
	III. Personal computers, telephones, laptops, printers.
	IV. Gas cylinders, chimneys and home appliances
	a) Only I, II, III b) Only I & II c) Only I, III, IV d) All of these
	A C. Y
11.	Which of the following conceptual spheres of the environment is having the least storag
	capacity for matter?
	a) Atmosphere b) Lithosphere c) Hydrosphere d) Biosphere
	,
12.	The ratio between energy flows at different points in a food chain is known as
	a) Ecological capacity b) Ecological efficiency
	c) Ecological assimilation d) Ecological potential
	c) Ecological assimilation (i) Ecological potential
13.	A madetar in
13.	The state of the s
	a) An animal that is fed upon another animal
	b) Animal that feeds upon both plants and animals
	c) An animal that feeds upon another animal
	d) A primary consumer
14.	Why Rann of Kutch attracts aquatic birds in monsoon season?
	a) Because desert land is converted to forest land
	b) Because desert land is converted to snow
	c) Because desert land do not convert
	d) Because desert land is converted to salt marshes
	d) because desert land is converted to sait marshes
15	Which kind of soil we can find on the surface of Thar desert?
10.	a) Rocky b) Moist c) Fertile d) Aeolian
	a) Rocky b) Most
16.	Which of the following type of forest important for watersheds?
10.	a) Tropical Evergreen forests b) Tropical Deciduous forests
	c) Tropical Montana forests d) Grassland forest
	11
17.	Hot spots areas have
	a) Low density of biodiversity b) Only endangered plants
	c) High density of hot springs d) High density of biodiversity
18.	Sustainable Development means
. 0	a) meeting present needs without compromising on future needs
	b) progress of human beings
	c) balance between human needs and the ability of earth to provide the resources
	d) all of these
19.	The term Alpha diversity refers to
	a) Genetic diversity b) Community and ecosystem diversity
	c) Species diversity within a community or ecosystem
	d) Diversity among the plant
20	Alone group flower and photographatic bacteria are
20.	Algae, green plants and photosynthetic bacteria are
	a) Autotrophic b) Heterotrophic c) Decomposers d) Consumers

		1	D.	
21.	What is Extended Producer Responsibility in India?	(A)	e e – waste m	anagement rules
	 a) The responsibility of consumer to mana b) The responsibility of manufactures to manufactures to manufactures 	nanage e - waste		ne product life
	c) The responsibility of retailers to managed) The responsibility of informal recyclers	e e – waste dispo to manage e –	waste.	ear Y
22.	Which international agreement regulates waste, including e - waste?	the transbound	lary movemen	nts of hazardous
	a) Kyoto Protocol c) Montreal Protocol	b) Paris agred) Basel con		
23.	Which colour bin is used for e - waste? a) Blue b) Green	c) Yellow	d)	Black
24.	What are the health hazards which can be			
	a) Lung cancer b) DNA damage	c) Brain	d)	All of these
25.	Preparation of Guidelines for Environment assigned to	itally sound Ma	nagement of e	- waste is a duty
	a) Producer b) Consumer	c) MOEFC	d)	SP CB/PCC
26.	What is India's global rank in e-waste?	00,		
	a) 3 b) 13	c) 23	(d)	33
27.	When did the Karnataka State Pollution	Control Board	for preventio	n and control of
	water pollution constituted?	500	O	
	a) 1974 b) 1978	C) 1982	(d)	1986
28.	Aerosol consisting of liquid droplets is call a) Mist b) Dust	c) Fog		Agracal
	D- (9	CY		Aerosol
29.	Which of the following is non - point sou			
	a) Factories	486	treatment plant	
	c) Urban and suburban land	All of th	iese	
30.	When is World Water day celebrated?	0		
-	a) January 26 th b) June 5 th	c) Septemb	er 22 nd d)	March 22 nd
31.	is caused by drinking water high in	nitrates.		
	a) Cholera c) Liver problem	b) Kidney pd) Methom	oglobinemia	
	The same of the sa			
32.	Bhopal gas tragedy took place in the year		ethyl chloride	was
	 a) 1964, Hydrogen fluoride c) 1984, methyl ISO – cyanide 		ethyl sulphate	
7-1				
33,	The major chemical pollutants in photoche	emical smog are	Non c	
	a) NO, NO ₂ , VOC, O ₃ , PAN		02, VOC, O3,	
	c) NO, NO ₂ , VOC, O ₂ , PAN	 d) NO, N₂O D – 3 of 5 	J_5 , VOC , O_3 ,	PAN
	ver -	D-3013		

34.	The international protocol to protect the Ozo	ine i	ayer is		
	a) Vienna protocol		Kyoto protocol		
	c) Cartagena protocol	d)	Montreal protocol		
35.	Which is the best and the worst method of pl	ııma	behavior for pollut	ion o	dispersion?
33.	a) Lofting and fumigation	PI	Trapping and fanni	na	
		4)0	Fanning and Loftin	0	and the same of th
	c) Conning and fumigation	9)	raining and Lord	18	Y
36	What is called for a Temporary hearing loss?			\sim	
30.		b)	Temporary hearing	nro	blem
	-,,,,,,,,,,,,,,,,,	d)	Temporary hearin		
	c) Temporary threshold shift	u)	remporary nearm	g sui	
37	What timings loud speakers shouldn't use in	nuh	lic areas?		
31.		Pao Pao	11.00 pm to 6.00 ar	m	
	.,		10.00 pm to 6.00 a		
	c) 1.00 am to 7.00 am	d)	10.00 pm to 6.00 a	щ	
10	In which section, if a person violates the noi	se n	allution regulations	is	liable for penalty
30,	in which section, it a person violates the not	ine h	conuction regulations	, 13	nable for penany
	according to Environmental Protection Act,	130	Castian 19	4	Section 19
	a) Section 12 b) Section 15)	Section 18	u)	Section 19
39.	'Minamata Disease" is caused due to				
37.	A -	(۵	Mercury	d)	Cadmium
	a) Lead b) Arsenic	C)	Wieredry	u,	Cadmiani
40.	The process of reducing the fluoride content	fro	m water is called as		
40.	a) Chlorination	P)	Fluoridation	6	1
			Fanning and Loftin	na T	ζ"
	c) Defluoridation	u)	Familing and Lotte	()	
41.	Veld type grasslands are located at	cosi	0 1		
41.		N	Australia A	d)	Britain
	a) South Africa b) South America	y,	Australia	u,	Dikum
42	Which pyramid is always upright?				
44.		6)	Numbers	d	Food chain
	a) Energy b) Biomass	c,	Numbers	u,	1 ood cham
12	In what form is solar energy is radiated from	n th	e Sun?		
43.	a) Ultraviolet Badistion	h)	Infrared Radiation		
	a) Ultraviolet Radiation	,	Transverse waves		
	c) Electromagnetic waves	4	Transverse waves		
44	What does MHD stands for in the energy fi	ald	,		
***				Data	
,	a) Magneto Hydro Dynamic		Metal Hydrogen		
	c) Micro Hybrid Drive	a,	Metering Head D	iller	ential
45	. The 'Miracle Material' that can turn CO2 in	ata 1	liquid fuel is .		
45					Determina
	a) Propane b) Copper	C	Graphene	a)	Potassium
46	A side subservation and a first and		tida in mantant		
40	. A tide whose difference between high and	low	tide is greatest.		THE ALL
	a) Diurnal tide b) Neap tide	C	Spring tide	d)	Ebb tide
47	Which of the trution	11	and bosins as De-		
47.	Which of the turbine can be mounted vertice				Commission bushing
	a) Pelton wheel b) Kaplan turbine	c	Gorlov turbine	ď	Francis turbine

BCS508 48. Which type of fuel is removed from the reactor core after reaching end of core life c) Engine oil d) Radioactive fuel a) Burnt fuel b) Spent fuel 49. What is a fuel cell? a) Converts heat energy to chemical energy b) Converts heat energy to electrical energy c) Converts chemical energy to electrical energy d) Converts kinetic energy to heat energy 50. Which one of the following is the apex organization in our country in the field of pollution control? a) Water Pollution Control Board b) State Pollution Control Board c) Central Pollution Control Board d) Air Pollution Control Board

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EVS Solution for VTU Jan-2025

1	Α	26	В
2 3	D	27	С
3	В	28	C A C D A D A C B
4	D	29	С
5 6	D	30	С
6	В	31	D
7	Α	32	С
8	В	33	Α
9	A A	34	D
10	Α	35	Α
11	В	36	С
12	В	37	В
13 14 15	Α	38	В
14	Α	39	С
15	Α	40	С
16	В	41	С
17	C	42	D
18	B C C	43	С
18 19	В	44	С
20	A	45	С
21	В	46	B C C C C C C C C C C D
22	D	47	С
23	D	48	D
24	D	49	С
25	D	50	В