Set-B



KOLHAPUR INSTITUTE OF TECHNOLOGY'S, COLLEGE OF ENGINEERING (AUTONOMOUS), KOLHAPUR

(AFFILIATED TO SHIVAJI UNIVERSITY, KOLHAPUR)

S.Y. B.Tech. (Mechanical Engineering)

(Semester- IV)

END SEMESTER EXAMINATION, AUGUST-2022

Course Name: Environmental Studies (Audit Course)

Day and Date: Friday , 12-Aug-2022 PRN:

Time: 10:00 To 01:00 Max Marks: 100

Instructions:

IMP: Verify that you have received question paper with correct course, code, branch etc.

- i) All questions are compulsory.
- ii) Figure to the right indicate full marks.
- iii) Assume suitable data wherever necessary.

		Marks	B.L	CO's
Q.1	Multiple Choice Questions	40		
1	Conservation of biodiversity in their natural habitats is called		2	CO1
	a) Ex-situ conservation			
	b) In-situ conservation			
	c) Protected conservation			
	d) Stabilized conservation			
2	Which gas is responsible for depletion of ozone layer?		4	CO3
	a) Chlorofluorocarbon			
	b) Nitrogen			
	c) Oxygen			
3	d) Nitrogen Oxide		2	CO1
3	The final stable community in ecological succession is		2	COI
	a) Climax			
	b) Pioneer			
	c) Rare			
4	d) Carnivores		2	CO2
4	Biomedical wastes are treated by using a) Incinerators		2	CO2
	b) Water treatment			
	c) Cyclones			
	d) Land fills			
5	Noise pollution means		2	CO2
	a) Loud sound			
	b) Unwanted sound			
	c) High frequency sound Enrichment of plant nutrients in			
	water bodies			
<u> </u>	water ooures			

	d) Environmental pollution		
6	Ozone layer is present in	4	CO3
·	e) Troposphere	•	
	f) Mesosphere		
	g) Thermosphere		
	d) Stratosphere		
7	Hotspots are regions of high	2	CO1
,	a) Rareism	_	
	b) Endemism		
	c) Diversity		
	d) Critically endangered population		
8	The Water pollution (Prevention and control of pollution) act was	4	CO4
	enacted in year		
	a) 1981		
	b) 1986		
	c) 1974		
	d) 1972		
9	Bhopal gas tragedy occurred due to the leakage of	4	CO4
	a) Mustard gas		
	b) Methane gas		
	c) Sulphur dioxide		
	d) Methyl Isocyanate		
10	The estimated percentage of the forest land that ideally India should have:	4	CO4
	a) 50%		
	b) 15%		
	c) 33%		
	d) 44%		
	u) 4476		
11	Smog is combination of	2	CO2
	a) Smoke and snow		
	b) Snow and fog		
	c) Smoke and fog		
	d) All the above		
12	Recycled water can be used for	2	CO2
	a) Crop irrigation		
	b) Landscape gardening		
	c) Replenishing fast depleting aquifers		
	d) All of these		
13	Word "Environment" is derived from	4	CO3
	a) Italy		
	b) French		
	c) German		
1 /	d) English	1	CO2
14	Which state has made it compulsory to harvest rain water for all building?	4	CO3
	a) Rajasthan		
	of Majastian	<u>I</u>	

c) Tamilnadu d) Maharashtra 15 Abiotic environment does not include				h) Waat Pangal	
Abiotic environment does not include				b) West Bengal	
Abiotic environment does not include a) Soil b) Water c) Air d) Plant Energy obtained from the Earth's hot interior is called the a) Geo-Thermal energy b) Thermal energy c) Biomass energy d) None of these Eutrophication means a) Water purification b) Neutralization of waste water c) Waste water Treatment process d) Enrichment of plant nutrients in water bodies World Environmental Day 'is celebrated every year on: a) 5th May b) 5th June c) 5th July d) 18th July 19 The main driving force of ecological system is a) Wind energy b) Water energy d) Earth Energy d) Earth Energy d) Earth Energy d) Earth energy d) For agricultural diversity e) For consumptive use d) All of these Q.2 Attempt any one G) Water than yone G) Water					
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w hat is the need for public awareness? Give its inclinus.	CO3	4		What is the need for public awareness? Give its methods.	В
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Q.4 Attempt any one. 10 A Explain in detail methods for conservation of Biodiversity with 2	CO1	2	10		
	COI			*	А
examples. B Write in detail structure and function of forest ecosystem. 2	CO1	7			D
with the in detail structure and fulletion of forest ecosystem.	CO1	<u> </u>		write in detail structure and function of forest ecosystem.	В

Q.5	Write short note on any five: 30		
A	Hotspots of Biodiversity	2	CO2
В	Urban Problems related to energy	4	CO3
C	Role of an individual in pollution prevention	2	CO2
D	Ozone layer depletion	4	CO3
E	Disaster management for Landslides	4	CO3
F	Values of biodiversity	2	CO1
G	Food Chain and Food web with Example	2	CO1