



BRAINWARE UNIVERSITY

SS1001- EVENION LESSING

gesset kopase -143.

Term End Examination 2023-2024

Programme – B.A.(Eng)-Hons-2023/B.Sc.(ANCS)-Hons-2023/B.Sc.(BT)-Hons-2023/B.Sc.(MSJ)-Hons-2023/B.Com.(AFB)-Hons]-2023/B.Sc.(FND)-Hons-2023

Course Name – Environmental Studies Course Code - VAC00006 (Semester I)

Full Marks: 60

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

Time: 2:30 Hours

- 1. Choose the correct alternative from the following:
- (i) Choose the correct one-

To monitor the state level environmental issues and problems, Supreme court of India has established

a) Green bench

- b) Pollution Control Board
- c) Department of Environment
- d) Department of Biotechnology
- (ii) How many hot spots of biodiversity are present in India?
 - a) Two

b) Three

c) Five

- d) Four
- (iii) Choose the most appropriate option

Symbiotic bacteria is

a) Rhizobium

b) Anabena

c) Both a and b

- d) None of these
- (iv) Human population growth curve is
 - a) S-shape curve

b) J-shape curve

c) parabola curve

- d) zig-zag curve
- (v) What does SIMA layer contain
 - a) Sulphur and Magnesium

b) Silicon and Magnesium

c) Sulphur and Manganese

- d) Silicon and Manganese
- (vi) The flow of energy in a food chain is
 - a) Unidirectional

b) Bidirectional

c) Cyclic

- d) Multi-directional
- (vii) Describe the group of organism which is responsible for recycling of nutrients?
 - a) Autotrophs

b) Heterotrophs

c) Saprotrophs

d) All of the above

(vi	ii) Grassland ecosystem is occupied by nearly	of E	arth surface		
	a) 21%	,	50%		
	c) 70%	d)	80%		
(i)	() Name the coldest region of atmosphere				
891	a) Mesosphere		Troposhere		
810	c) Stratosphere	d)	Ionosphere		
(X	Montreal Protocol is related to	L1	Noise Pollution		
	a) Land pollution	۹) (a	Increase of population		
/vi	c) Production and use of CFCs) Bhopal gas tragedy reported in	uj	microsocial paper		
(^	a) December 1984	b)	December 1983		
	c) July 1984		July 1983		
(xi	i) Tundra occurs in which climactic conditions				
	a) Low temperature and low moisture	b)	Low temperature and high moisture	2	
	c) High rainfall and high moisture	d)	Moderate rainfall and moderate temperature		
(xii	The Air (prevention and control of pollution	on) A	ct was enacted by the parliament		
Ì	in				
	a) 1981		1984		
	c) 1986		1990		
(xiv) Identify an example of ex-situ conservation from below					
	a) Conservation of plants in botanical	b)	Sundarbans		
	garden c) Wind	d)	Both (a) and (c)		
(xv) Name the microorganism who has the ability to convert nitrite to nitrate					
• ********	a) Nitrosomonus sp.		Nitrobactor sp.		
	c) Paseudomonus sp.	d)	Bacillus sp.		
	_	_			
		oup-B		3 x 5=15	
	(Short Answer	Type	Questions		
2. Write the different kinds of food chain in eco-system.				(3)	
	3. What is an ecological pyramid? Give examples?				
4. Write a short note on National Environment Awareness Campaign.				(3)	
5. Define sustainable development. Give examples.				(3)	
6. W	rite a short note on eutrophication.			(3)	
		OR		(3)	
E	xplain solid waste management execution proc	esses.		(3)	
	Gr	oup-C			
	(Long Answer	-		5 x 6=30	
	(2018	,,	,		
7 1	Write down the name of major components of	envir	onments.	(5)	
8. 1	Explain biogeochemical cycle of carbon-dioxide.			(5)	
9 1	Write a note on 'WATER PREVENTION AND CONTROL OF POLLUTION' Act, 1974.			(5)	
10. \	10. What do you mean by hot spots of biodiversity? Name and briefly describe the hot spots of (5)				
	piodiversity in India.			(5)	
11. \	What is Swachh Bharat Abhiyan?			(5) (5)	
12. E	xplain the poisoning effects of arsenic in wate	er. OR		(3)	
	What do you mean by noise pollution? Write s		ffects of noise pollution on human	(5)	
	health.			, ,	

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