

Second Year B.Tech. (Branch)
END SEMESTER EXAMINATION, May 2022
Environmental Studies (UBIO0461, UELE0461, UMCH0461)

Day and Date:day, .../.../2018

Time: ----- to -----

PRN No. :

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	CO's	Blooms Level
Q.1	Multiple Choice Questions	40		
1	Noise pollution means	2M		
	a) Loud sound			
	b) Unwanted sound			
	c) High frequency sound			
	d) Environmental pollution			
2	Recycled water can be used for			
	a) Crop irrigation			
	b) Landscape gardening			
	c) Replenishing fast depleting aquifers			
	d) All of these			
3	Hydro electricity is generated from			
	a) Forests			
	b) Coal plants			
	c) Lakes and ponds			
	d) Water reservoir of river dams			
4	The Air pollution (Prevention and control of pollution) act was enacted in year -----			
	a) 1981			
	b) 1986			
	c) 1974			
	d) 1972			
5	The functional aspects of the ecosystem are:			
	a) Energy cycles			
	b) Nutrient cycles			
	c) Food chains			
	d) All of the above			
6	Loss of water content through the plants into the atmosphere is called			

	<ul style="list-style-type: none"> a) Evaporation b) Vaporization c) Hydraulic cycle d) Transpiration 			
7	Pyramid of ----- is always upright.			
	<ul style="list-style-type: none"> a) Energy b) Biomass c) Forest d) Mass 			
8	The estimated percentage of the forest land that ideally India should have:			
	<ul style="list-style-type: none"> a) 50% b) 15% c) 33% d) 44% 			
9	Conservation of biodiversity in their natural habitats is called			
	<ul style="list-style-type: none"> a) Ex-situ conservation b) In-situ conservation c) Protected conservation a) Stabilized conservation 			
10	Which of the following is a natural source of Air pollution?			
	<ul style="list-style-type: none"> a) Storms b) Acid rain c) Precipitation d) Volcanic eruptions 			
11	In a food chain humans are			
	<ul style="list-style-type: none"> a) Producers b) Primary consumers c) Secondary consumers d) Primary and secondary consumers 			
12	Which gas is responsible for depletion of ozone layer?			
	<ul style="list-style-type: none"> a) Chlorofluorocarbon b) Nitrogen c) Oxygen d) Nitrogen Oxide 			
13	Which of the following is also called Detrivores?			
	<ul style="list-style-type: none"> a) Herbivores b) Decomposers c) Carnivores d) None of the above 			
14	Smog is combination of			
	<ul style="list-style-type: none"> a) Smoke and snow b) Snow and fog c) Smoke and fog d) All the above 			
15	The adverse effect of modern agriculture is			

	a) Soil pollution b) Water pollution c) Water logging d) All of these			
16	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			
17	Eutrophication means			
	a) Water purification b) Neutralization of waste water c) Waste water Treatment process a) Enrichment of plant nutrients in water bodies			
18	'World Environmental Day 'is celebrated every year on:			
	a) 5 th May b) 5 th June c) 5 th July d) 18 th July			
19	An animal that feeds upon another animal is			
	a) producer b) consumer c) decomposer d) predator			
20	Bhopal gas tragedy occurred due to the leakage of			
	a) Mustard gas b) Methane gas c) Sulphur dioxide a) Methyl Isocyanate			
Q.2	Attempt any one.	10		
	Give the classification of waste according to origin with suitable examples.		CO2	
	OR			
	Give sources, effects, and control measures of Water pollution		CO2	
Q.3	Attempt any one.	10		
	Explain in detail methods for conservation of Biodiversity with examples.		CO1	
	OR			
	What are natural resources? Give types of natural resources and discuss water resources as a natural resource.		CO1	
Q.4	Attempt any one.	10		
	What is public awareness and give the methods of public awareness.		CO3	
	OR			
	Give salient features of Air (prevention and control of pollution) Act of India		CO4	
Q.5	Write short note on any five:	30		

i)	Food Chain and Food web with Example		CO1	
ii)	Global warming		CO3	
iii)	Man wildlife conflict		CO1	
iv)	Role of individual in pollution prevention		CO2	
v)	Disaster management for landslides		CO3	
vi)	Hot spots of biodiversity		CO1	
vii)	Urban Problems related to energy		CO3	