

P P SAVANI UNIVERSITY

First Semester of B.A. Examination

December 2022

SLBA1080 Essentials of Environment

24.12.2022, Saturday

Time: 09:00 a.m. To 11:30 a.m.

Maximum Marks: 60

Instructions:

1. The question paper comprises of two sections.
2. Section I and II must be attempted in same answer sheets.
3. Make suitable assumptions and draw neat figures wherever required.

SECTION - I

Q - 1	Answer the following: (Any Five)	[05]	CO	BTL
(i)	What do you mean by Ecosystem?	4		1
(ii)	Define Afforestation.	5		1
(iii)	What is Waste Management?	5		1
(iv)	Define Biodiversity.	1		1
(v)	State the types of Water Resources.	3		1
(vi)	What do you mean by Pollutant?	5		1
(vii)	What is 3R principle?	5		1
Q - 2 (a)	Difference between Renewable and Non-Renewable Resources.	[05]	3	4
Q - 2 (b)	Explain in detail how Ecological Succession exists in nature	[05]	4	2

OR

Q - 2 (a)	What is Noise Pollution? Explain its causes and effects.	[05]	5	4
Q - 2 (b)	Explain Food Chain with suitable example and relationships.	[05]	4	3
Q - 3 (a)	Describe the role of individual in Pollution Prevention.	[05]	2	2
Q - 3 (b)	Explain Producer, Consumer and Decomposer with suitable example.	[05]	4	3

OR

Q - 3 (a)	Explain in detail conservation measures of Land Degradation.	[05]	5	4
Q - 3 (b)	Explain in detail Solid Waste Management and Recycling Process.	[05]	5	4
Q - 4	Short Notes on: (Anyone)	[05]		
(i)	Global Warming	5		2
(ii)	Biodiversity Conservation	1		2

SECTION - II

Q - 1	Answer the following: (Any Five)	[05]		
(i)	Define Sanitary Landfill.	5		1
(ii)	What is the way out of waste problem?	5		1
(iii)	How does Landslides occur?	4		1
(iv)	What is acid rain?	3		1
(v)	Define Mega Diversity Zone.	4		1
(vi)	Define Pollution.	5		1
(vii)	State the various sources of emissions of Air Pollution.	5		2
Q - 2	"The term biodiversity is generally considered as an "Umbrella Term" referring to organism found within the living world" - Explain this statement by explaining the three diversities (genes, species & ecosystem)	[10]	1	4

OR

Q - 2	Describe the state of Urban Air Pollution in India. What is its impact on health	[10]	5	4
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	especially on children? How does the quality of air can be improved?			
Q - 3	By explaining over exploitation of water, also state the main causes of its exploitation.	[10]	5	3
OR				
Q - 3(a)	How does technology change the value of natural resources? Give two examples of technology discovering new value for natural resources.	[05]	3	4
Q - 3(b)	Short Note: Soil Erosion	[05]	5	1
Q - 4	Short Note: (Anyone)	[05]		
(i)	Impact of Deforestation		5	2
(ii)	Causes of Biodiversity		1	2

CO : Course Outcome Number

BTL : Blooms Taxonomy Level

Level of Bloom's Revised Taxonomy in Assessment

1: Remember	2: Understand	3: Apply
4: Analyze	5: Evaluate	6: Create