

Name.		Printed Pages:01		
Student Admn. No.: _____				
School of Basic and Applied Sciences Backlog Examination, June 2023 [Programme: BCA (All)] [Semester: II] [Batch:]				
Course Title: ENVIRONMENTAL SCIENCE		Max Marks: 100		
Course Code: ENVS1001		Time: 3 Hrs.		
Instructions:	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
SECTION-A (15 Marks)		5 Marks each		
1.	List the different segments of the atmosphere and explain a characteristic feature of each.	K2	CO-1	5
2.	Explain the immediate and long term objectives of EIA	K2	CO-1	5
3.	List and explain green reagent and green methodology with suitable example	K2	CO-2	5
SECTION-B (40 Marks)		10 Marks each		
4.	Explain about the sources and health effects of Lead Poisoning	K2	CO-2	10
5.	Explain about the different characteristic features of traditional and modern agricultural system	K3	CO-2	10
6.	Explain about the sources and Biochemical effects of Mercury Poisoning	K2	CO-2	10
7.	Discuss in details the twelve basic principles of Green Chemistry OR Discuss why green synthesis is better than conventional chemical synthesis giving two different examples	K6	CO-5	10
SECTION-C (45 Marks)		15 Marks each		
8.	Discuss in details about the sources of Air Pollution, their effects on animals, humans and plants and their control measures	K6	CO-3	15
9.	Discuss in details about the following: a) Bhopal Gas Tragedy b) Chernobyl Nuclear Disaster	K6	CO-3	15
10	Explain about the different renewable and non-renewable energy sources in detail. OR Discuss in details about the sources of Air Pollution, their effects on animals, humans and plants and their control measures	K6	CO-4	15