

Roll No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**SHAMBHUNATH INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**Subject Code: BAS 204**

**Subject: Environment & Ecology**

**Course: B. Tech**

**Semester: II**

**Sections: A & B**

**Branch: ALL**

**FIRST SESSIONAL EXAMINATION, EVEN SEMESTER, (2024-2025)**

**Time: 1 hr**

**Maximum Marks – 15**

**1. Attempt ALL questions.**

Q N	QUESTION	Marks	CO	BL
a.	Define 'environment' and 'ecology'.	1	CO1	L1
b.	What are the main components of the environment?	1	CO1	L1
c.	What is the role of decomposers in an ecosystem?	1	CO1	L1
d.	Differentiate Between Lentic and Lotic Ecosystems.	1	CO1	L2
e.	What are the different types of ecosystems?	1	CO1	L1

**2. Attempt any ONE of the following:**

Q N	QUESTION	Marks	CO	BL
a.	Define lapse rate. Discuss different layers of atmosphere in detail.	5	CO1	L1
b.	Describe the need of public awareness about the environment.	5	CO1	L2

**3. Attempt any ONE of the following.**

Q N	QUESTION	Marks	CO	BL
a.	Briefly discuss the impacts of urbanization on environment.	5	CO1	L1
b.	Describe food chain & food web.	5	CO1	L2

**Bloom's Taxonomy Level (BL):-**

Remember (L1), Understanding (L2), Apply (L3), Analyze (L4), Evaluating (L5), Creating (L6)

