

Enrollment No./Seat No.:

GUJARAT TECHNOLOGICAL UNIVERSITY

Bachelor of Hotel Management and Catering Tec - SEMESTER - I EXAMINATION - SUMMER
2025

Subject Code: BH01000061

Date: 04-06-2025

Subject Name: Fundamentals of ESG for Sustainability

Time:02:30 PM TO 05:00 PM

Total Marks: 70

Instructions

1. Attempt all questions.
2. Make Suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Use of simple calculators and non-programmable scientific calculators are permitted.

	Marks
Q.1 (a) Define ecology and explain its scope.	03
(b) What is the greenhouse effect? How does it lead to climate change?	04
(c) Explain the concept of ecosystem with a labeled diagram	07
Q.2 (a) Define pollution and list any two types.	03
(b) What is the significance of ecosystems in sustainable development?	04
(c) Discuss global warming and its impact on tourism and hospitality.	07
OR	
(c) Explain causes and effects of any two pollutants on the ecosystem.	07
Q.3 (a) Define sustainability.	03
(b) What is a green business? Give an example.	04
(c) Write a short note on environmental reporting standards and certifications.	07
OR	
(a) What are the main causes of desertification?	03
(b) What are the main challenges in achieving SDGs globally?	04
(c) Explain carbon credit and its benefits to businesses.	07
Q.4 (a) What is the ESG framework?	03
(b) Differentiate between ESG and CSR.	04
(c) Explain the relation between ESG and EHS, CS, CSR.	07
OR	
(a) How SDG Goal 1 (No Poverty) relates to ESG?	03
(b) Discuss the role of technology in enhancing ESG practices.	04
(c) Explain how ESG creates value for businesses.	07

- Q.5 (a)** What are SDGs? When were they announced? **03**
- (b)** Explain why “making a difference” is crucial in sustainable development. **04**
- (c)** Link any 3 SDGs with ESG (Environmental, Social, Governance) framework. **07**

OR

- (a)** Define biodegradable pollutants with an example. **03**
- (b)** What are the four main causes of global warming? **04**
- (c)** What are different ways individuals, organizations, and governments can make a difference? **07**
