

## End (Odd) Semester paper Examination 2024

Name of Program:

UG Programme

Semester: 2

Name of the Course:

B. Tech Courses

Course Code: TEV 201

Time- 3 Hour

Maximum Marks: 100

Note:

(i) Answer all the questions by choosing any two of the sub questions.

Each Question carries 10 marks.

Q1 (10 marks)		CO 1 & CO 2	
a)	Explain the fundamental components of ecosystem.		
OR			
b)	Explain the process of ecological succession.		
OR		CO 2	
c)	Explain the aquatic ecosystem components (Biotic & Abiotic) with suitable figure.		
Q2 (10 marks)			CO 2
a)	Define the Biodiversity. Explain the Ecosystem diversity; Genetic diversity and Species diversity. Discuss the National parks and Sanctuaries.		
OR			
b)	Write the major threats to the Forest and Forest conservation practices.		
OR		CO 2 & CO 3	
c)	Define the Atmosphere, Habitat, Lithosphere, Niche and Biosphere with suitable examples.		
Q3 (10 marks)			CO 2 & CO 3
a)	Define the Noise pollution and explain the sources and noise pollution effects.		
OR			
b)	Explain the Biogas plant, Vermi composting waste management practices with suitable figure.		
OR		CO 1 & CO 2	
c)	Define the water Pollution, Sources of water pollution and water treatment methods.		
Q4 (10 marks)			CO 1 & CO 2
a)	Explain the formation of Acid rain, effects and protection methods.		
OR			
b)	Differentiate between i). Food chain and Food web ii). Natural Ecosystem and Artificial Ecosystem		
iii). Pollution and Pollutant iv). London smog and Los Angelis smog v). Manmade disaster and Natural Disaster		CO 3	
OR			
c)	Write minimum 10 points to justify the Demerits of Hydropower Dams in Himalayan region.		
Q5 (10 marks)			
a)	Explain the role of Information and Technology in Environment.	CO 3	
OR			
b)	Write notes on women empowerment and child welfare programs running in India.		
OR			