

Programme: BCA
Course: Environmental Studies
Course Code:3CVAC101
Enrolment no. _____
Full Marks: 70
Time: 3 Hrs.

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
Section I				
1	Short Answer type questions.			
a	Explain the role of an individual to conserve natural resources.	CO1	Understand	4 x 5 = 20
	or			
b	How human activity induced landslides, soil erosion and desertification?	CO1	Remember	
	or			
c	Define producers and consumers in Ecosystem and classify them with proper examples.	CO2	Remember	
	or			
d	Explain the role of biodiversity for the welfare of mankind.	CO2	Understand	
	or			
e	Discuss the impact of noise on our psychological and physical health.	CO3	Understand	
	or			
f	Describe solid waste Management and its related issues.	CO3	Understand	
	or			
g	Define population explosion & its causes.	CO4	Remember	
	or			
	Discuss about what problems arise due to population growth?	CO4	Understand	
Section II				
	Long Answer type questions.			
2	How do modern agricultural methods affect the environment? Discuss their ecological consequences.	CO1	Analyze	3 x 10 = 30
	or			
3	Discuss the significance of water resources and the issues caused by overuse, drought, and flooding.	CO1	Understand	
	or			
4	Explain the provisions of the Forest Conservation Act and analyze its role in safeguarding forest ecosystems by preventing deforestation and promoting sustainable management.	CO3	Understand	
	or			
5	Why is India considered a mega-diversity nation? Discuss its unique biodiversity and natural resources that contribute to this distinction.	CO3	Understand	
	or			
6	Describe the impact of information technology on environmental sustainability and human health, analyzing its role in advancing solutions for ecological conservation and medical innovation.	CO4	Understand	
	or			
	Define "Human rights"& discuss the salient features of Human Right.	CO4	Understand	
Section III				
	Application based questions			
7	Apply knowledge of India's biogeographical zones to address region-specific environmental challenges, analyzing their ecological significance and conservation strategies.	CO3	Apply	1 x 20 = 20
	or			
	Assess the role of water harvesting in sustainable water management, exploring various sources of water and emphasizing the importance of conservation efforts.	CO3	Apply	

Course Outcomes On the successful completion of the Course, students will be able to:

- CO1. Articulate the interconnected and interdisciplinary nature of environmental studies; an integrative approach to environmental issues with a focus on sustainability
- CO2. Predict the consequences of human actions on the web of life, global economy and quality of human life, develop critical thinking for shaping strategies (scientific, social, economic and legal) for environmental protection and conservation of biodiversity, social equity and sustainable development.
- CO3. Acquire values and attitudes towards understanding complex environmental-economic social challenges, and participating actively in solving current environmental problems and preventing the future ones.
- CO4. Reflect critically on their roles, responsibilities, and identities as citizens, consumers and environmental actors in a complex, interconnected world, adopt sustainability as a practice in life, society and industry