

Course Code	:	BEVAE-181
Course Title	:	Environmental Studies
Assignment Number	:	BCA (I)/181/Assignment/2024-25
Maximum Marks	:	100
Last Date of Submission	:	31stOctober, 2024 (For July Session)
	:	30thApril, 2025 (For January Session)

This assignment has two parts for a total of 100 marks. Attempt all the questions in both the parts.

PART-A

1. “Sustainable development is an ideal-a goal towards which all human societies need to be moving” Justify the statement with suitable arguments. **8**
2. Marine ecosystem is the largest and most stable ecosystem on the earth and is of great ecological significance. Elucidate your answer with suitable examples. **8**
3. “Poverty amidst plenty, nature is bountiful but tribals are poor” explain this statement with respect to forest resources. **7**
4. “India’s energy needs can only lie in adopting non-conventional sources of energy”. Explain in detail. **7**
5. Answer the following questions in about 150 words each. **4x5=20**
 - a) Explain the significance of Kul and Bamboo drip irrigation practices.
 - b) “Soil which forms the uppermost layer of the land, is the most precious of all resources”. Explain this statement.
 - c) Explain an indirect use value of biodiversity.
 - d) “Species diversity is the most visible component of Biodiversity.” Explain
 - e) Differentiate between food chain and food web.

PART-B

6. Explain the need for people’s participation in environmental conservation with suitable case studies. **8**
7. Explain the relevance of wetland with respect to nature reserves at the global level. **7**
8. Explain the objectives of the Environment Protection Act of 1986 and its role in environmental conservation. **7**
9. Answer the following questions in about 150 words each. **4x4=16**
 - a) How does the environment influence human health? Explain it in detail with suitable example.
 - b) Explain the problems associated with improper waste disposal and its impact on humans.
 - c) Acid rain is considered one of the major global issues. Explain acid rain and its effects.
 - d) Explain the different parameters that can assess water quality as a consumption.
10. Explain the following terms in about 60 words each: **3X4=12**

- a) Environmental Justice
- b) Central Pollution Control Board (CPCB)
- c) Smog
- d) Green House Gases