

Tutor Marked Assignment AECC on Environment Studies

Course Code: BEVAE-181

Assignment Code: BEVAE-181/TMA/2024

Maximum Marks: 100

Note: Attempt all questions. The marks for each question are indicated against it.

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
 - 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
 - a) How does the environment influence human health? Explain it in detail with suitable examples.
 - 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
 - a) Environmental Justice
 - b) Central Pollution Control Board (CPCB)
 - c) Smog
 - d) Green House Gases