

CARMEL COLLEGE OF ARTS, SCIENCE & COMMERCE FOR WOMEN  
NUVEM - GOA  
SEMESTER END EXAMINATION, APRIL-MAY 2023

Semester: II of B.Sc.

Class & Div.: F.Y. B.Sc. B

Course Title & Code: AECC – Environmental Studies

Maximum Marks: 80    Date: 25/04/2023    Duration: 2 Hours    Total No. of Pages: 02

*Instructions: 1. All questions are compulsory.*

*2. Figures to the right indicate maximum marks allotted to the question.*

*3. Draw labelled diagrams wherever necessary.*

**Q. 1. Answer any four of the following:** (4 marks x 4 = 16)

- Explain the term 'endemic species' citing 2 examples each of plants and animals.
- What is 'Joint Forest Management'?
- List the problems caused by building of dams.
- Explain how deforestation aggravates the effect of drought.
- Giving suitable examples, explain the terms 'producers' and 'decomposers'.
- Explain the ethical and moral values related to biodiversity.

**Q. 2. Answer any four of the following:** (4 marks x 4 = 16)

- List any four causes of marine pollution.
- State any four effects of acid rain.
- Write a short note on global population explosion.
- State the environmental aspect of sustainable tourism.
- Enumerate any four methods of solid waste management.
- How are rural women affected by a degraded environment?

**Q. 3. A. Discuss the functions and threats to forest ecosystem.** (6)

**OR**

A. Explain the water cycle. (6)

B. What are the various ways in which solar energy can be used? (6)

**Q. 4. A. Discuss the demerits of mining.** (6)

**OR**

A. Elaborate on biomass and biogas as alternative sources of energy. (6)

B. Write an account of your visit to the botanical garden at Selaulim Dam. (6)

Q. 5. A. Explain any three causes of soil pollution. (6)

OR

A. What are the problems associated with the resettlement of tribal people due to the development of major projects in the country? (6)

B. Explain the correlation between environment and human health. (6)

Q. 6. A. What are the social impacts of mass tourism? (6)

OR

A. Explain the concept of watershed management. (6)

B. Based on the field trip, explain the process of sewage treatment carried out at the Sewage Treatment Plant at Shirvodem, Navelim. (6)

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