

**CARMEL COLLEGE OF ARTS, SCIENCE & COMMERCE FOR WOMEN,
NUVEM-GOA**
SEMESTER END EXAMINATION, NOVEMBER-DECEMBER 2022

Semester: I
Total marks: 80

Course name & Code: Environmental Studies (AECC)

Date: 18-11-2022

Duration: 02 hrs.

No of pages: 02

Instructions: 1. All questions are compulsory
2. Figures to the right indicate marks

Q1. Answer any four of the following.

(16)

1. What is the scope and importance of 'Environmental studies'.
2. What are the environmental drawbacks of 'hydroelectric power'?
3. Discuss the threats to Grassland ecosystems.
4. Define 'Ecological Pyramids' and discuss the different types.
5. Give a brief account of the 'Nitrogen cycle'.
6. Define Biodiversity, justify India's 'B-17' status, listing any 3 Indian biogeographic zones.

Q2. Answer any four of the following.

(16)

- i. What is 'Municipal Solid Waste'? Mention the sources and control measures.
- ii. Summarise the method of prevention of 'Noise Pollution'.
- iii. What are the advantages of 'Rainwater harvesting'?
- iv. What are the problems associated with urbanization?
- v. Discuss the cultural impacts of mass tourism.
- vi. What is "Eco-tourism"? List out the benefits of ecotourism.

Q3.A) Submit a concise account on of Forest functions.

(6)

OR

A) With reference to oil, summarize the sources and impact on marine environment.

B) Submit a brief account on harnessing Wind Energy and its environmental Impacts **(6)**

Q4.A) Submit a comprehensive account of values of biodiversity.

(6)

OR

A) Write a note on biogeographic zones of India.

B) Outline the various biodiversity conservation strategies. Add a note on 'Endemic species of India.

(6)

Q5.A). Discuss the causes and effects of Air Pollution.

(6)

OR

A) Submit an account of the water related diseases.

B) Write an account of your visit to sewage treatment plant, Shirvodem/ polluted site. (6)

Q6. A) Submit an account on the Air (Prevention and Control of Pollution) Act, 1981.

(6)

OR

A) What is meant by resettlement and rehabilitation of people? Discuss the ill effects of resettlement of people.

B) Give a concise note on your field visit to Maina Curtorim Lake.

(6)