

CARMEL COLLEGE OF ARTS, SCIENCE & COMMERCE FOR WOMEN, NUVEM-GOA

SEMESTER END EXAMINATION, JANUARY 2022

Semester: I
Total marks: 40

Course name & Code: Environmental Studies ESA

Date:

Duration:

Total No of pages: 02

Instructions: 1. All questions are compulsory

2. Figures to the right indicate marks

Q1: Answer any FIVE of the following:

(2x5 = 10 marks)

- i. Write a note on the Objectives of Environmental Studies.
- ii. What is the need for creating public awareness on environmental protection?
- iii. What is meant by 'Multidisciplinary nature of Environmental studies'?
- iv. Differentiate between renewable and nonrenewable resources.
- v. What are the advantages of 'Biomass energy'?
- vi. Name any four 'Biogeographic regions of India'.
- vii. What is a biodiversity hotspot? Name any two.

Q II A. Discuss the different causes of Deforestation.

(5 marks)

OR

A. Discuss the four stages of Mining Process

(5 marks)

B. Explain the causes and consequences of Soil Resources.

(5 marks)

Q III A. Write a short note on Desert Ecosystem.

(5 marks)

OR

A. Write a short note on Grassland Ecosystem.

(5 marks)

B. Discuss the structure and function of an Ecosystem.

(5 marks)

Q IV A. Define Biodiversity, stating its levels. Comment on the causes of declining Biodiversity in India.

(5 marks)

OR

A. Explain habitat loss and overexploitation as a threat to biodiversity.

(5 marks)

B. With suitable examples, differentiate between *in-situ* and *ex-situ* conservation.

(5 marks)