

CARMELCOLLEGE OF ARTS SCIENCE & COMMERCE FOR WOMEN
SEMESTER END EXAMINATION, APRIL 2019

Semester: II B.Sc.

Subject: AECC – Environmental Studies

Total marks: 80

Date: 02/05/2019

Duration: 2 Hours

- Instructions:* 1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Draw diagrams wherever necessary.

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

- Name four individuals who have contributed to India's environment protection and mention their sphere of work.
- Differentiate between renewable and non-renewable resources.
- What are the consequences of over-exploitation of water.
- Briefly explain the process of ecological succession in the ecosystem.
- Give 2 examples of endangered plant/animal species of India and comment on each.
- Describe the energy flow in an ecosystem.

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

- Define thermal pollution and list any 3 measures to control it.
- Give the bio-geographical classification of India.
- Mention the objectives and scope of Forest Rights Act.
- Explain in brief the urban problems related to energy.
- How does marine pollution affect the environment?
- What is sustainable tourism?

Q.3.A. Discuss the dessert ecosystem. What are the current threats to desert ecosystem and how it can be conserved? (6)

OR

- What is conservation of biodiversity? Describe in-situ and ex-situ methods of conservation of biodiversity. (6)
- Write a note on food resources. (6)

Q.4.A. Describe in detail the biotic and abiotic components of an ecosystem. (6)

OR

- Describe the role of an individual in conservation of natural resources. (6)
- Write a note on the significance of your visit to: Netravali Wildlife Sanctuary, Strawberry plantation and *Budbudyanchi Tali*. (6)

Q.5.A. What is Municipal Solid Waste? Explain the waste management strategies. (6)

OR

- Write a note each on acid rain and global warming. (6)
- Write briefly on the methods of birth control in human population. (6)

Q.6.A. Comment on mass tourism and environment. (6)

OR

- Describe the structural and non-structural mitigation measures that can be taken to manage floods. (6)
- Write a note on the significance of your visit to: Hindustan Solid Waste Management Plant and Goa State Biodiversity Board. (6)
