

CARMEL COLLEGE OF ARTS, SCIENCE AND COMMERCE FOR WOMEN
BA CBCS Semester V EXAMINATION, January/February 2022,
TYBA ECONOMICS,
Subject Code: ECD 115 Economics (Environmental Economics -I)

DATE:

Duration: 2 hrs

MAX. MARKS: 80

Pg : 1/2

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- Instructions: 1. All questions are compulsory; however internal choice is available
2. Answer sub-questions 1 & question 2 in not more than 100 words
3. Answer question 3 to question 6 in not more than 400 words.
4. Figures to the right indicate marks
5. Paper carries maximum of 80 marks

1. Answer any four of the following.

(4 x 4=16)

1. Define Environmental Economics. What do you understand by the terms ambient quality, environmental media and residuals?
2. Outline the different types of pollutants with examples.
3. Write a note on environmental damages not related to emissions.
4. What is market failure? Highlight how externalities contribute to market failure.
5. List the categories of ecosystem services with relevant examples of each category.
6. What is Economic Impact Assessment? Explain with examples.

2. Answer any four of the following.

(4 x 4 = 16)

1. Give an overview of the Contingent Valuation Method of environmental valuation.
2. Highlight the issues involved when using Choice Experiments.
3. Explain how environment is treated as an input in production function approaches.
4. Outline the predictions from the past about impact of growth on the environment.
5. Is GDP a good measure of well-being?
6. What is the opportunity approach to sustainable development?

3. A. State the fundamental balance equation and explain the ways of resource conservation as shown by the fundamental balance model. 12

OR

3. B. Describe biodiversity and explain its role as a resource. 12

4. A. Explain the stages of Cost-Benefit analysis. Outline the uses of environmental CBA. 12

OR

4. B. How is Environment Impact Assessment done? Explain the components of Environment Impact Statement. 12

5. A. Write short notes on (6x6 = 12)
i. Travel Cost Models
ii. Choice Experiments

OR

5. B. Explain the hedonic pricing approach to environmental valuation. 12

6. A. Draw and explain the Environmental Kuznets Curve. 12

OR

6. B. Discuss the indicators of sustainability. 12