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PG Even Semester (CBCS) Exam., May—2019

ECONOMICS

(4th Semester)

Course No. : ECOCC-401

(Environmental Economics)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Answer **five** questions, taking **one** from each Unit

UNIT—I

1. (a) Discuss the interlinkages between the economy and the environment. 5
- (b) What do you mean by biogeochemical cycles? Write a note on the carbon cycle. 3+6=9

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(Turn Over)

2. Discuss the economic principles of forest management. What policies would you suggest for sustainable forest management? 8+6=14

UNIT—II

3. Explain the effectiveness of market-oriented economy to deal with environmental problems. Mention the different economic and non-economic instruments used for managing environmental externalities. 8+6=14
4. Explain briefly the Coasian bargaining solution to deal with environmental externalities. What are its limitations? 10+4=14

UNIT—III

5. (a) What are the use and non-use values of the environment? Explain with appropriate examples. 7
- (b) Briefly discuss the hedonic price method of environmental valuation. 7
6. Discuss the contingent valuation method of environmental valuation. What are its limitations? 10+4=14

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(Continued)

UNIT—IV

7. Analyse environment development trade off with the help of Environmental Kuznets Curve (EKC). Is the hypothesis behind EKC supported by theory and empirical evidence. 9+5=14
8. Write short notes on the following : 7×2=14
- (a) Poverty and environment
- (b) Sustainable development

UNIT—V

9. Examine briefly the policy instruments used for controlling water and air pollution in India. Add a note on joint forest management scheme in India. 9+5=14
10. Write notes on the following : 7×2=14
- (a) Global climate change
- (b) Montreal and Kyoto Protocol

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