Carmel College Library
Nuvem, Salcete, Goa.

JJ – 34

B.A. (Semester – V) Examination, October/November 2017
ECONOMICS (Paper – XI)
Environmental Economics – I

Duration : 2 Hours Max. Marks : 80

Instructions : *i)* ***All*** *questions are* ***compulsory****, however internal choice is available.*
ii) Answer sub-questions in Question ***1*** *and Question* ***2*** *in* ***not*** *more than* ***100*** *words* ***each****.*
iii) Answer questions ***3*** *to Question* ***6*** *in* ***not*** *more than* ***400*** *words* ***each*** *.*
iv) Figures to the ***right*** *indicate* ***maximum*** *marks to the question/ sub-questions.*
v) Paper carries maximum of ***80*** *marks.*

1. Answer **any four** of the following : **16**

i) What is the meaning and scope of natural resource economics.

ii) Differentiate between continuous and episodic emission.

iii) What is socially efficient rate of output ?

iv) Explain economic efficiency in the context of Environmental economics.

v) What are environmental damages which are not related to emission ?

vi) What are External costs ?

2. Answer **any four** of the following : **16**

i) State the meaning of a damage function, what are its types ?

ii) Define efficient levels of emission.

iii) Give reasons why abatement costs differ form one source to another.

iv) What is cost effectiveness Analysis ?

v) Explain the steps involved in risk analysis.

vi) What are the effects of pollution on human health ?

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3. a) Explain the trade off between conventional economic output and environmental quality. 12

OR

b) Discuss the components of and indicators of sustainable development. 12

4. a) Explain the relationship between the environment and the economy with special reference to residuals. 12

OR

b) Describe the factors which can shift the efficient level of emission. 12

5. a) Explain the damage functions with the help of a diagram. 12

OR

b) What are environmental impact analysis ? 12

6. a) Discuss the necessary steps to measure an emission damage function. 12

OR

b) Explain the problem in benefit estimation. 12