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15-04-2015
Your Roll No.....

ANNUAL EXAMINATION, 2015

PAPER CODE – ES - 01

ENVIRONMENTAL STUDIES (For All U.G. Courses)

Time: Three Hours

Maximum Marks: 75

(Write your Roll No at the top immediately on the receipt of this question paper)
Attempt ALL questions. All parts of a question must be answered in continuation.

Q1. A. Write answers of the following in a sentence or 2-3 lines:

[1x10]

- | | |
|-----------------------|--------------------------------|
| (i) Eutrophication | (vi) Global Warming |
| (ii) Minamata disease | (vii) Environmental Pollutants |
| (iii) Ozone layer | (viii) Pyramid of energy |
| (iv) CFC | (ix) Salinity |
| (v) Desertification | (x) Heavy metal |

B. Fill in the blanks

[1x5]

- (i) Acid rain is caused by
- (ii) is a heavy metal known to cause soil pollution
- (iii) Photochemical smog consists of
- (iv) Example of two green house gases are and
- (v) Level of noise is measured in

Q2. Give an account of ANY THREE.

[5+5+5 = 15]

- A. Use and over exploitation of forest resources
- B. Environmental effects of extracting and using mineral resources
- C. Renewable and non-renewable energy sources
- D. Soil erosion and desertification
- E. Benefits and problems associated with dams

Q3. Give an account of ANY THREE.

[5+5+5 = 15]

- A. Role of consumers in an ecosystem
- B. Energy flow
- C. Ecological pyramids
- D. Structure of grassland ecosystem
- E. Functions associated with desert ecosystem

Q4. Give an account of ANY THREE.

[5+5+5 = 15]

- A. Biogeographical classification of India
- B. Importance of social and ethical values in relation to biodiversity
- C. Biodiversity hot-spots
- D. Endangered species of plants in India, their classification with examples
- E. Ex-situ conservation of biodiversity

Q5. Give an account of ANY THREE.

[5+5+5 = 15]

- A. Causes of air pollution
- B. Impact of soil pollution on flora and fauna
- C. Control measure for noise pollution
- D. Deleterious implications of urban and industrial wastes
- E. Types of natural disasters and their management