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**PGDESD - 01**

December - Examination 2015

**PGDESD Examination**

**Understanding the Environment**

**Paper - PGDESD - 01**

**Time : 3 Hours ]**

**[ Max. Marks :- 100**

**Note:** The question paper is divided into three sections A, B and C. Write answer as per the given instructions.

**Section - A**

10 x 2 = 20

(Very short answer type Questions)

**Note:** Answer all questions. As per the nature of the question delimit your answer in one word, one sentence or maximum up to 30 words. Each question carries 2 marks.

- 1) (i) Define Man-made environment?
- (ii) What are basic components of the lithosphere?
- (iii) What is Ionosphere?
- (iv) Define trade winds?
- (v) What cold desert?
- (vi) Define plankton?

- (vii) What is ecological efficiency?
- (viii) Define denitrification?
- (ix) Describe shifting agriculture?
- (x) Explain soil pollution?

### Section - B

4 x 10 = 40

(Short answer Questions)

**Note:** Answer any four questions. Each answer should not exceed 200 words. Each question carries 10 marks.

- 2) Why is the stratospheric ozone layer known as a shield?
- 3) Describe the Macro-organisms in soil?
- 4) Describe the factors that limit the growth of trees in tundra?
- 5) Discuss the inputs and outputs of an ecosystem?
- 6) Define species diversity?
- 7) What is environmental degradation?
- 8) Define biodiversity conservation?
- 9) Describe Indian environmental legislations?

### Section - C

2 x 20 = 40

(Long answer Questions)

**Note:** Answer any two questions. You have to delimit your each answer maximum 500 words. Each question carries 20 marks.

- 10) How does El Nino affect the climate of Asia?
- 11) Explain the role of climate on the distribution of biomes?
- 12) Describe the effects of the increasing CO<sub>2</sub> levels in the atmosphere on the globe?
- 13) Explain how the excess amounts of phosphates in aquatic bodies lead to eutrophication?