

THE CATHEDRAL AND JOHN CONNON SCHOOL  
PRELIMINARY EXAMINATION

STD:X

ENVIRONMENTAL EDUCATION

MARKS:80

DATE:8-01-2008

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TIME:2Hr

*Attempt all questions from Section A and any four questions from Section B. The intended marks for questions or parts of questions are given in brackets []. This paper consists of **three printed pages.***

**SECTION A (40 MARKS)**

*Attempt all questions*

**Question.1.**

- a) Name two natural and two man-made causes for land degradation. [2]
- b) What is a Johad? What purpose does it serve? [2]
- c) Give the full form of (i) FAO (ii) IUCN [2]
- d) Define Agroforestry. [2]
- e) What is the importance of coral reefs to the marine ecosystem? [2]

**Question.2.**

- a) What is compost? [2]
- b) What is a windbreak? What is its purpose? [2]
- c) Define endangered species. Give two examples. [2]
- d) Explain in brief the following terms: (i) Biotechnology. (ii) Bioremediation. [2]
- e) What are the sources of indoor air pollution. [2]

**Question.3.**

- a) What is eutrophication? [2]
- b) Briefly explain any two adverse effects of noise pollution on animals. [2]
- c) Explain the impact of increasing population on the environment. [2]
- d) What is LPG? Mention two advantages of LPG. [2]
- e) (i) What is the Kyoto Protocol? (ii) What is the Montreal Protocol? [2]

**Question.4.**

- a) What is El-Nino? What is its impact? [2]
- b) What is a Tsunami? Mention one region in India which is prone to landslides. [2]
- c) Define Sustainable Development. [2]
- d) What are the objectives of eco-efficiency? (any two) [2]
- e) Name any two environmental laws of India. [2]

**SECTION B (40 MARKS)**

*Attempt any four questions*

**Question.5.**

- a) What is acid rain? Explain the adverse effects of acid rain on plants, animals and buildings. [4]
- b) Write short notes on: (i) Ozone layer depletion. [3]  
(ii) Beej Bachao Andolan. [3]

**Question.6.**

- a) What is food adulteration? What are the three kinds of food adulterants? Give an example of each kind. [4]
- b) "Forest tribal communities like the Warlis have developed a harmonious and sustainable relationship with forests and their resources. Forests can be protected best if we take such communities as partners in conservation". Explain. [6]

**Question.7.**

- a) Give the full form of CITES. What are its objectives? Name two Indian laws that conserve biodiversity and protect wildlife. [4]
- b) What are mangroves? Mention the valuable ecosystem services provided by mangroves. Mention any two threats to the mangroves due to human activities. [6]

**Question.8.**

- a) Differentiate between Social Forestry and Scientific Forestry. [4]
- b) Write short notes on:  
(i) Integrated pest management. [3]  
(ii) Role of micro-organisms and worms in soil. [3]

