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Total No. of Pages: 02

**Kamala College , Kolhapur**  
**( Autonomous )**  
**B.C.A (Part- II) (Semester – IV)**  
**Subject: Environmental Studies**  
**Subject Code: ENV 3**

**Day & Date: Friday 26/04/2024**  
**Time: 08.00 a.m. to 11.00 a.m.**

**Total Marks: 80**

**Instruction: 1) All question are compulsory.**

**2) Figures on the right indicate full marks.**

**Q .1) Select correct answer from the given alternatives.**

**[10]**

- i) Following gas is responsible for Ozone depletion.  
a) Oxygen  
b) Chlorofluorocarbon  
c) Carbon Monoxide  
d) Sulphur dioxide
- ii) Itai-itai disease is caused by  
a) Cadmium  
b) Arsenic  
c) Mercury  
d) Chromium
- iii) Tsunami caused due to  
a) Landslides  
b) Earthquake in sea  
c) Cyclones  
d) Floods
- iv) When is the World Environment Day celebrates?  
a) 16 September  
b) 5 June  
c) 14 November  
d) 21 March
- v) Air Pollution (Prevention and Control) Act in India was enacted in the year.  
a) 1981  
b) 1974  
c) 1985  
d) 1970
- vi) Following type of ecological pyramid always upright.  
a) Pyramid of number  
b) Pyramid of biomass  
c) Pyramid of energy  
d) None of the above
- vii) Following is renewable resource.  
a) Natural gas  
b) Sunlight  
c) Coal  
d) Petroleum
- viii) The disposing method for biomedical waste is  
a) Incineration  
b) Vermicomposting  
c) Land filling  
d) None of the above





- ix) In food chain plants act as-
- a) consumers
  - b) Producers
  - c) Decomposers
  - d) None of the above
- x) In which State of India, Silent Valley is Situated.....
- a) Kerala
  - b) Karnataka
  - c) Gujrat
  - d) Assam

**Q.2 Answer any Four of the following:** [20]

- a) Discuss causes and effects of Acid rain.
- b) Explain causes of deforestation.
- c) Discuss convention and protocol on environment.
- d) Explain conservation of biodiversity.
- e) Define food chain and explain types of food chain.

**Q.3 Write short notes on any four of the following.** [20]

- a) Desertification
- b) Solar energy
- c) Chipko Movement
- d) Marine pollution
- e) Environmental Ethics

**Q.4) Define Environment and explain scope and importance of environmental studies.** [10]

OR

What are natural resources? Give the type of natural resources. Discuss forest as a natural resource.

**Q.5) Give salient feature of Environment Protection Act 1986.** [10]

OR

Define noise pollution. Explain the causes, effects, and control measures of noise pollution.

**Q.6) What are natural disasters? Discuss disaster management in relation to flood.** [10]

OR

Give importance of water conservation and discuss rain water harvesting techniques?

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