

Q.P. Code :199975

[Time: 2.30 Hours]

[Marks:75]

Please check whether you have got the right question paper.

N.B: 1. All Question are compulsory carrying 15 marks each

Q.1

A) Multiple choice question (any eight)

08

- 1) The organism which breaks down the parts of dead plants and animals is called
 - a) Producer
 - b) Reducer
 - c) Carnivores
 - d) Consumers

- 2) Its an attempt to control human impact on and interaction with the environment in order to preserve natural resources
 - a) Materials management
 - b) Resource management
 - c) Environmental management
 - d) Natural resource management

- 3) Air (prevention and control of pollution) Act was enacted in the year -----
 - a) 1994
 - b) 1974
 - c) 1981
 - d) 2002

- 4) ISO 14001 standard deals with
 - a) Risk management
 - b) Disaster management
 - c) Pollution management
 - d) Environment management

- 5) One of the best solutions to get rid of biodegradable waste is
 - a) Land filling
 - b) Composting
 - c) Disposing in water bodies
 - d) Recycling

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- 6) Which of the following is the cleanest source of energy?
 - a) Fossil fuel
 - b) Nuclear energy
 - c) Hydro power
 - d) Wind power
 - 7) While buying an environmentally friendly product which of the following should you consider
 - a) Use of minimal packaging
 - b) Less carbon footprint
 - c) Product that can be recycled
 - d) All of the above
 - 8) Energy derived from hot spots beneath the earth is called
 - a) Bio energy
 - b) Hydro energy
 - c) Geothermal energy
 - d) Nuclear energy
 - 9) Which of the following is a carbon negative country?
 - a) China
 - b) USA
 - c) India
 - d) Bhutan
 - 10) Kyoto protol was adopted on 11th December 1997 in -----
 - a) China
 - b) Bhutan
 - c) Japan
 - d) Morocco
- B) State weather the following statement are True or False (any seven)
- 1) Flow of energy in the ecosystem takes place through food chain
 - 2) The sun is not the main source of energy on earth
 - 3) Disaster management systems are predesigned plans of action
 - 4) Global warming could lead to a rise in sea levels worldwide
 - 5) One carbon credit is equivalent to 10 ton of carbon reduction
 - 6) Mechanical energy produced from the tides and waves of the ocean is called wind energy
 - 7) Environmental protection is one of the fundamental duties of the Indian citizen
 - 8) A food web consist of the interlocking of several food chains
 - 9) Selective cutting is a specific remedial practice for the conservation of forests
 - 10) Coal and petroleum are non – conventional sources of energy

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- Q.2 A) Explain food chain and food web with diagram 08
B) Explain the abiotic components of the environment 07

OR

Explain the meaning of the term resource Give a classification of natural resources with example on 15
suitable basis explain the relationship between economic development and exploitation of resources

- Q.3 Global warming is global warming – Elaborate with describing the causes and effects of global 15
warming

OR

- A) "Different waste requires a different waste management treatment" – explain with the 08
examples of E-waste and biomedical waste treatments and methods of managing them
B) Explain Disaster management cycle with the help of a diagram 07

- Q.4 A) Discuss the following environmental issues in India 08
i) Chipko movement
ii) Bhopal Gas Tragedy

- B) What is carbon bank? How does it function ? explain the carbon Trading with example 07

OR

- A) Define Sustainable Development. What are the dimensions of sustainable development? 08
B) Write a brief note on the need and importance of EIA 07

- Q.5 Write a short note on any three of the following 15

- 1) Water pollution
- 2) Ecotourism
- 3) Non – conventional energy sources
- 4) Green marketing
- 5) Tsunami

OR

- A) What are the advantages of using solar energy and wind energy ? 08
B) "Eco – friendly packaging is the need of the day." Elaborate and also describe how its use 07
leads to reduced carbon foot print?