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

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

07

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

<div align="center">OR</div>

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 warning – Elaborate with describing the causes and effects of global   15
warming

<div align="center">OR</div>

         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

<div align="center">OR</div>

         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

<div align="center">OR</div>

         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?