

6/12/2020

Duration: 2 ½ Hours

E41810OFC - III

Marks: 75

Note: All questions are compulsory subject to internal choice.

Figures to the right indicate full marks.

**Q.1. A. Multiple choice questions: (Any Eight)**

(8 M)

1] Chief source of energy in environment is -- .

- A] Fire      B] Moon      C] Sun      D] Stars

2] Abiotic Environment includes --.

- A] Soil      B] Water      C] Land       D] All of the above

3] Noise is measured using sound meter & the unit is --.

- A] Hertz      B] Decibel      C] Joule      D] Sound

4] These are responsible for the high content of monoxide in Indian cities.

- A] Power Plants      B] Automobiles      C] Generators      D] None of the above

5] CFL & LED lights are examples of technology.

- A] Harsh      B] Polluting       C] Soft       D] Cool

6] It is the period that immediately follows after the occurrence of the disaster.

- A] Disaster phase       B] Response phase       C] Recovery phase      D] Mitigation phase

7] ISO – 14000 standards deal with --.

- A] Pollution management       B] Risk management  
C] Environmental management      D] Disaster management

8] The Kyoto protocol was developed under \_\_\_\_\_.

- A] UNFCCC      B] CER      C] UNO      D] WTO

9] Which act was enacted for providing protection to wild animals & birds ?

- A] Wildlife Act 1972      B] Water Act 1974      C] Air Act 1981      D] None of the above

10] is about uniting conservation, communities, & sustainable travel.

- A] Organic farming       B] Eco-tourism      C] Green marketing      D] Green washing

**Q.1 B] True or False: [Any Seven]**

(7 M)

1] Renewable resources are natural resources that can be recycled quickly through natural cycle.  T

2] A food web consists of interlocking food chains.  T

3] Deforestation is the activity of planting trees in areas from where they are removed.  F

4] Biodegradable waste refers to the discarded products that get decomposed naturally.  T

5] Earthquake is a sudden collapse of a large mass of hillside down a slope.  F

6] One carbon credit is equivalent to 1 ton of carbon reduction.  T

7] The EIA should be conducted after completion of the project.  F

8] The solar energy is due to nuclear fusion reaction.  F

- 9] Organic farmers use crop rotation to preserve the good qualities of soils and avoid monoculture. T  
10] Coal & petroleum are non – conventional sources of energy. T

Q.2 A] Define Environment? Explain its Composition? (8M)

B] Explain in detail Hydrological cycle with diagram? (7M)

OR

Q.2 What do you mean by Ecosystem? What are its features with examples? (15 M)

Q.3 A] What is Environmental Degradation? Explain Factors responsible for it? (8M)

B] Explain the effects & remedies of global warming. (7M)

*Deforestation  
Eco fast & quack  
Natural Disasters.  
Floods*

OR

C] Explain the methods of solid waste management? (8M)

D] Explain Disaster Management Cycle with help of Diagram? (7M)

Q.4 A] What is Sustainability? How we can conserve the environment? (8M)

B] Discuss in detail Environmental Auditing? (7 M)

OR

Q.4 Write a detailed note on Salient Features of Water Act, & Wild life Protection Act? (15 M)

Q.5 A] Discuss in detail Non - Conventional sources of energy. (8 M)

B] Explain necessity of Green Marketing. (7 M)

OR

Q.5 Write Short Notes on: [Any Three] (15 M)

1. Recent Floods in Mumbai.

2. Solar Energy.

3. Eco tourism.

4. Sources of Noise pollution.

5. Kyoto protocol.

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