

1. All questions are compulsory
2. All questions carry equal marks
3. Figures to the right indicate equal marks

Q1 A. Fill in the blanks: (Any 8)

8

1. The organism which breaks down the parts of dead plants and animals is called _____
a) Producer b) reducer c) carnivores d) consumers
2. _____ is non-conventional energy resource.
a) Wind energy b) electricity c) mineral oil d) coal
3. _____ gases occupies the largest percentage in the atmosphere.
a) Nitrogen b) Oxygen c) Carbon dioxide d) Ozone
4. Degradation is due to _____
a) Animals b) Birds c) Human activities d) Marine life
5. Global warming is _____
a) Increase in average temperature b) decrease in average temperature
c) Constant temperature d) no effect on temperature
6. Cyclones are caused by _____
a) Rain b) sun radiations c) wind speed d) fire
7. Natural resources are depleting because _____
a) More population b) poverty c) more use of resources d) all of the above
8. ISO 14000 standards deal with _____
a) Pollution management b) risk management c) environmental management
d) none of the above
9. Nonrenewable resources are _____
a) Coal b) natural gas c) petroleum d) all of the above
10. Energy derived from hot spots beneath the earth is called _____
a) Bio energy b) nuclear energy c) geo thermal energy d) hydrogen energy

Q1 b) True or False (Any 7)

7

1. Carbon dioxide plays an important role in photosynthesis.
2. Flow of energy in the ecosystem takes place through food chain.
3. Besides carbon dioxide the other Greenhouse gases are Argon and Nitrogen.
4. Disaster management systems are predesigned plans of action.
5. The concern about sustainable development is because natural resources are depleting
6. Wild Life Protection Act was enacted in 1952.
7. Environmental protection and conservation is not a fundamental duty under the constitution.
8. Hydro power does not cause any pollution as it is renewable.
9. Wind power is the cleanest source of energy.
10. Market mechanism may not include eco-cost

Q2 a) Explain the role of Bio-geo chemical cycles.

8

b) Explain the structure of Eco system

7

OR

c) What are biotic components?

7

d) Explain Food Chain and Food web with diagram.

8

Q3 a) Explain the concept of degradation and which are the different types of degradation? 8
b) What is Global warming? What are its causes? 7
OR

c) What is Solid waste? Mention the various types of solid waste management techniques. 7
d) Explain Pollution and also explain 4 different types of pollution. 8

Q4 a) Define Sustainability. Highlight the importance of sustainable development. 7
b) Explain the salient features of Wild life protection Act. 8
OR

c) What is Kyoto Protocol? 7
d) Explain the concept of environmental conservation. 8

Q5. What are the advantages and disadvantages of Solar, Nuclear and Wind energy? 15
OR

Q5. Write Short Notes: (Any 3) 15

1. Eco tourism
2. Green Marketing
3. EIA
4. Forest Resources
5. ISO 14001

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