

Choose the correct answer

10 x 1 = 10

1. The gas released from vehicles exhaust are

i. carbon monoxide ii. Sulphur dioxide iii. Oxides of nitrogen

- a) i and ii
- b) i and iii
- c) ii and iii
- d) i, ii and iii

2. A renewable source of energy is

- a) petroleum
- b) coal
- c) nuclear fuel
- d) trees

3. Global warming will cause

- a) raise in level of oceans
- b) melting of glaciers
- c) sinking of islands
- d) all of these

1. Which of the following is/are a fossil fuel?

(i) Tar (ii) Coal (iii) Petroleum

- a) i only
- b) i and ii
- c) i and iii
- d) i, ii and iii

2. What are steps will you adopt for better waste management?

- a) reduce the amount of waste formed
- b) reuse the waste
- c) recycle the waste
- d) all of the above

3. Soil erosion can be prevented by

- a) deforestation
- b) afforestation
- c) over growing
- d) removal of vegetation

5. Soil erosion is more where there is

- a) no rainfall
- b) low rainfall
- c) rainfall is high
- d) none of these

6. An inexhaustible resource is

- a) wind power
- b) soil fertility

- c) wild life d) all of the above

7. Common energy source in village is

- a) electricity b) coal
c) biogas d) wood and animal dung

8. Greenhouse effect refers to

- a) cooling of earth b) trapping of uv rays
c) cultivation of plants d) warming of earth

II. Fill in the blanks

3x1=3

1. Chipko movement is initiated against _____
2. _____ is a biosphere reserve in Tamilnadu.
3. _____ is the most commonly used fuel for the production of electricity.

III. State whether True or False. Correct the statements which are false

2x1=2

1. Planting trees increases the groundwater level.
2. Wild life protection act was established in 1972

IV. Match the following

(2)

- | | |
|--------------------|-------------------------|
| 1. Soil erosion | -energy saving |
| 2. Bio gas | - acid rain |
| 3. Natural gas | - removal of vegetation |
| 4. Green house gas | - renewable energy |
| 5. CFL bulbs | - CO ₂ |
| 6. Wind | - non-renewable energy |
| 7. Solid waste | - lead and heavy metals |

V. Short answer questions

9 x 2=18

1. What would happen if the habitat of wild animals is disturbed?
2. Why fossil fuels are to be conserved?
3. What is the importance of rainwater harvesting?

4. What are the advantages of using biogas?
5. What are the environmental effect caused by sewage?
6. What are the objectives for replacing non-conventional energy resources from conventional energy resources?
7. Why is the Government imposing ban on the use of polythene bags and plastics? Suggest alternatives. How is this ban likely to improve the environment?
11. What will happen if trees are cut down?
12. How are e-wastes generated?

VI. Long answer questions

3x5=15

1. How does rainwater harvesting structures recharge ground water?
2. What are the sources of solid wastes? How are solid wastes managed?
3. Enumerate the importance of forest.