

**2021**  
**ENVIRONMENTAL EDUCATION**

Total marks : 80

Time : 3 hours

**General instructions:**

- i) *Approximately 15 minutes is allotted to read the question paper and revise the answers.*
- ii) *The question paper consists of 36 questions. All questions are compulsory.*
- iii) *Internal choice has been provided in some questions. In such questions, attempt only one of the choices.*
- iv) *Marks allocated to every question are indicated against it.*

***N.B: Check that all pages of the question paper is complete as indicated on the top left side.***

**Choose the correct answer from the given alternatives:**

1. Which one of the following is an incorrect statement 1  
(a) trees protect us from extreme heat (b) trees filter the dust from the air  
(c) trees add to the beauty (d) trees should not be planted in our house
2. Planting of ornamental and fruit trees in urban areas on public and vacant lands along the roads is called 1  
(a) commercial forestry (b) urban forestry  
(c) agro forestry (d) forestry
3. Adverse climatic changes take place as a result of 1  
(a) deforestation (b) afforestation  
(c) reforestation (d) overgrazing
4. The state animal of Nagaland is 1  
(a) tiger (b) rhino  
(c) mithun (d) elephant
5. Farmers in Mexico use ant refuse as fertilizers for crops like 1  
(a) sorghum (b) cowpea  
(c) sugarcane (d) tomato
6. The disposal of broken or obsolete electronic components and materials is called 1  
(a) domestic waste (b) e-waste  
(c) medical waste (d) toxic waste
7. Which of the following is not a greenhouse gas? 1  
(a) oxygen (b) carbon dioxide  
(c) nitrous oxide (d) methane

8. Tsunami is Japanese word which means 1  
(a) sea waves (b) tidal waves  
(c) harbour waves (d) waves
9. For an environmentally safe product, consumers should look for 1  
(a) agmark (b) hall mark  
(c) woolmark (d) ecomark
10. World Wide Fund is an international agency doing commendable work in promoting the protection of 1  
(a) habitat (b) wildlife  
(c) environment (d) ecosystem

**Answer the following questions in one word or one sentence not exceeding 15 words:**

11. Write the meaning of the word 'zabo'. 1
12. What is aquaculture? 1
13. Write the full form of CFC's. 1
14. State one cause of catching fire. 1
15. Who is a consumer? 1
16. State the cause for extinction of cold water fish trout. 1

**Answer the following questions in about 20 - 30 words:**

17. Mention any two measures involved in conservation and management of water. 2
18. Mention two advantages of afforestation. 2
19. Write any two measures to prevent poaching and hunting. 2
20. Write any two disadvantages of shifting cultivation. 2
21. Mention any two sources of greenhouse gases. 2
22. What are natural disasters? 2
23. Write any two benefits of ecological restoration. 2
24. 'The best way to protect the environment is to create more and more awareness among the masses'. Suggest any two ways of creating awareness. 2

**Answer the following questions in about 30 - 50 words:**

25. Write any three reasons why conservation of forest is essential. 3
26. Mention any three measures to control soil pollution. 3
27. Write any three preventive measures to control ozone depletion. 3

28. State any three harmful effects of acid rain. **3**
29. Mention three mitigation measures for earthquake disaster. **3**
30. 'United Nations has guaranteed eight consumer rights to citizens of all nations',  
Mention any three of them. **3**
31. Write any three factors for degradation and loss of wildlife. **3**

**Answer the following questions in about 50-60 words:**

32. a. Write any five benefits of biofertilizers . **5**  
**Or**  
b. Write five importances of coral reefs.
33. a. Mention any five effects of noise pollution on human health. **5**  
**Or**  
b. Define noise pollution. Write four sources of noise pollution. **1+4=5**
34. a. Write any five measures to conserve wildlife. **5**  
**Or**  
b. Mention any five measures to stop cruelty to animals.

**Answer the following questions in about 70-100 words:**

35. a. Write any six ways through which food article is adulterated. **6**  
**Or**  
b. Mention any six common ways by which consumers are exploited by  
manufacturers, traders and shopkeepers.
36. a. Define the term flood. Write five damages caused by floods. **1+5=6**  
**Or**  
b. What does the word 'epidemic' signify? Mention five mitigation measures for  
epidemics.

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