

**2020**  
**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. Zabo system of rainwater harvesting is commonly practised in **1**  
(a) Nagaland (b) Karnataka  
(c) Assam (d) Mizoram
2. Living organisms which help in fertilization of soil are called **1**  
(a) fertilizers (b) biofertilizers  
(c) pesticides (d) urea
3. Shifting cultivation leads to **1**  
(a) increase of forest cover (b) increase of biodiversity  
(c) loss of biodiversity (d) increase of wildlife
4. Sugar, paper and cement industries cause a lot of **1**  
(a) soil pollution (b) water pollution  
(c) radiation pollution (d) air pollution
5. Any unwanted or unpleasant sound that causes discomfort is **1**  
(a) noise (b) speech  
(c) communication (d) leisure
6. Forest are the lifeline of **1**  
(a) urban people (b) semi-urban people  
(c) rural people (d) tribal people
7. Which of the following is *not* a cause of natural disaster? **1**  
(a) earthquake (b) landslide  
(c) fire caused by short circuit (d) cyclone

8. Which of the following is an eco-friendly fuel? 1  
 (a) coal (b) bio-gas  
 (c) petroleum (d) natural gas
9. Melting of glaciers will take place at a faster rate due to 1  
 (a) higher temperature (b) low temperature  
 (c) moderate temperature (d) average temperature
10. Chipko movement was a movement for the protection of 1  
 (a) animals (b) soil  
 (c) water (d) trees

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

11. Write one importance of planting trees in our houses. 1
12. Write the full form of BOD. 1
13. State one reason for energy crisis. 1
14. Give one example of man-made disaster. 1
15. Define the term flood. 1
16. What are E-wastes? 1

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

17. Mention any two advantages of rainwater harvesting. 2
18. State any two importance of genetic engineering. 2
19. Name any two sources of water pollution. 2
20. What is soil pollution? 2
21. Mention any two importance of ozone layer. 2
22. Write any two man-made factors of landslides. 2
23. State any two important measures to conserve wildlife. 2
24. State any two aims of consumer education. 2

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

25. Write any three public awareness programme on forest conservation. 3
26. Mention any three popular indigenous practices for nature conservation. 3
27. Write any three effects of air pollution on human beings. 3

28. State any three reasons behind depletion of forest cover. 3
29. Mention any three major effects of drought. 3
30. State three importances of sacred groves. 3
31. Write any three uses of compressed natural gas (CNG). 3

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

32. a. Write five methods for controlling soil erosion. 5  
**Or**  
 b. Write any five principles and guidelines of soil conservation.
33. a. Write any five mitigation measures for fire. 5  
**Or**  
 b. Write any five mitigation measures for road safety.
34. a. Write any five consumers' duties for making correct choices while buying different items. 5  
**Or**  
 b. Mention any five ways through which food article is adulterated.

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

35. a. Write any six necessary steps for management of forest resources. 6  
**Or**  
 b. What is social forestry? Mention five benefits of social forestry. (1+5=6)
36. a. What is oil spill? Write five causes of oil spill. (1+5=6)  
**Or**  
 b. Mention any six control measures of noise pollution. 6

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