

2023
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 32 questions. All questions are compulsory.
- iii) General option questions are provided in 5 and 6 marks questions.
- 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.

1. Choose the correct answer from the given alternatives: 10x1=10

- (i). The plantation done on vacant land and lands unfit for agriculture is called
 - (a) Commercial forestry
 - (b) Urban forestry
 - (c) Agro forestry
 - (d) Forestry
- (ii). Water logging also leads to
 - (a) Deforestation
 - (b) Soil erosion
 - (c) Landslide
 - (d) Floods
- (iii). Termite mounds are suitable for
 - (a) Oranges
 - (b) Lemons
 - (c) Sorghum
 - (d) Banana
- (iv). Agricultural discharges, toxic metals and detergents are the major sources of
 - (a) Soil pollution
 - (b) Air pollution
 - (c) Noise pollution
 - (d) Water pollution
- (v). Forests are the lifeline of
 - (a) Tribal people
 - (b) Semi-urban people
 - (c) Rural people
 - (d) Urban people
- (vi). Which of the following is not a greenhouse gas?
 - (a) Carbon dioxide
 - (b) Oxygen
 - (c) Nitrous oxide
 - (d) Methane
- (vii). Sacred groves
 - (a) Cause soil erosion
 - (b) Disturb water cycle
 - (c) Are reservoirs of biodiversity
 - (d) Lead to soil instability

- (viii). While purchasing pulses, flour, edible oil, ghee, rice etc, consumers should look for
- (a) Hall mark (b) Ecomark
(c) ISI mark (d) Agmark
- (xi). Trout may become extinct due to
- (a) Climate change (b) Sea water
(c) Salt water (d) Hunting
- (x). Water harvesting is the activity of direct collection of
- (a) Ground water (b) Rain water
(c) Sea water (d) River water

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

2. Write the meaning of the word 'zabo'. **1**
3. Mention one disadvantage of shifting cultivation. **1**
4. Define noise. **1**
5. Write the meaning of the word 'tsunami'. **1**
6. Who is a consumer? **1**
7. Write the full form of CNG. **1**

Answer the following questions in about 20 - 30 words:

8. Mention two advantages of afforestation. **2**
9. State any two harmful effects of soil erosion. **2**
10. Write any two causes of oil spill. **2**
11. Mention any two effects of thermal pollutants. **2**
12. Write any two sources of noise pollution. **2**
13. Mention any two reasons for energy crises. **2**
14. Write any two effects of ozone depletion. **2**
15. 'United Nations has guaranteed eight consumer rights to citizens of all nations'
Mention any two of them. **2**

Answer the following questions in about 30 - 50 words:

16. Mention any three measures involved in conservation and management of water. **3**
17. Write any three benefits of agro-forestry. **3**

- 18. Mention three effects of radioactive pollutants in water. **3**
- 19. Differentiate between global warming and climate change. **3**
- 20. Mention any three sources of greenhouse gases. **3**
- 21. List any three man-made factors of landslide. **3**
- 22. Write any three factors responsible for degradation and loss of wildlife. **3**

Answer any three from the following questions in about 50-60 words:

- 23. State five reasons why conservation of forest is essential. **5**
- 24. Mention five importance's of coral reefs. **5**
- 25. Write five public awareness programmes that convey awareness about water. **5**
- 26. Mention any five benefits of biofertilizers. **5**
- 27. Write any five major effects of drought. **5**
- 28. Mention any five mitigation measures for fire. **5**

Answer any two from the following questions in about 70-100 words:

- 29. Write any six effects of noise pollution on human health. **6**
- 30. Mention any six measures to control soil pollution. **6**
- 31. Write any six ways through which food article is adulterated. **6**
- 32. Mention six measures to stop cruelty to animals. **6**
