

A white line drawing on a green background showing a hand holding a globe. The globe has continents outlined. Surrounding the globe are various eco-friendly symbols: a recycling symbol, a wind turbine, a water drop, a heart, a house, a tree, a bicycle, a car, a light bulb, a flower, a leaf, a sun, clouds, and chemical formulas like H₂O and O₂. The word "eco" and "BIO" are also written in a stylized font.

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2022
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 to ensure 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). Nests of predacious ants are placed to protect the crop from the insects on
 - (a) orange trees
 - (b) papaya trees
 - (c) guava trees
 - (d) mango trees
- (ii). Fertilizers are added to the soil to increase the yield of
 - (a) pest
 - (b) crop
 - (c) weeds
 - (d) fungi
- (iii). Any unwanted or unpleasant sound that causes discomfort is
 - (a) speech
 - (b) music
 - (c) noise
 - (d) communication
- (iv). Ozone hole is caused by
 - (a) hydrocarbon
 - (b) carbon
 - (c) fluorocarbon
 - (d) chlorofluorocarbon
- (v). Melting of glaciers will take place at a faster rate due to
 - (a) higher temperature
 - (b) lower temperature
 - (c) moderate temperature
 - (d) average temperature
- (vi). Which of the following is not a cause of natural disaster?
 - (a) landslide
 - (b) fire caused by short circuit
 - (c) flood
 - (d) cyclone
- (vii). For buying baby food, mineral water, pressure cooker etc, consumers should look for
 - (a) ecomark
 - (b) agmark
 - (c) ISI mark
 - (d) FPO mark

- (viii). WWF stands for
 (a) World Wild Forest (b) World Web Fund
 (c) World Wild Fund (d) World Wide Fund
- (xi). One factor not responsible for degradation and loss of wildlife is
 (a) planting of trees (b) habitat loss
 (c) climate change (d) hunting
- (x). CNG stands for
 (a) complex natural gas (b) compressed natural gas
 (c) compound natural gas (d) conserve natural gas

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

2. Write one importance of planting trees in our houses. 1
3. What is waterlogging? 1
4. Name the unit of sound level. 1
5. Write an example of natural disaster. 1
6. Define the term drought. 1
7. What is landslide? 1

Answer the following questions in about 20 - 30 words:

8. Write any two benefits of social forestry. 2
9. Mention two ways in which watershed management is utilized to assure water quality. 2
10. Write any two steps involved in wildlife management. 2
11. What is soil pollution? 2
12. What are e-wastes? Give an example of it. 2
13. What is global warming? 2
14. Write any two human activities that cause floods. 2
15. Write two aims of consumer education. 2

Answer the following questions in about 30 - 50 words:

16. Differentiate between poaching and hunting. 3
17. Write any three popular indigenous practices for nature conservation. 3

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| 18. Mention any three effects of air pollution on human health. | 3 |
| 19. Write any three importance of ozone layer. | 3 |
| 20. Mention three mitigation measures for road safety. | 3 |
| 21. Write any three measures to conserve wildlife. | 3 |
| 22. Write any three ways in which cruelty to animals can be seen. | 3 |

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

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| 22. Write any five methods for controlling soil erosion. | 5 |
| 23. Write five objectives of public awareness programmes concerning soil conservation. | 5 |
| 24. Write five effects of cyclones. | |
| 25. Mention five important reasons behind depletion of forest cover. | 5 |
| 26. Write any five importance of sacred groves. | 5 |
| 27. Mention any five benefits of consumer education to individuals. | 5 |

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

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| 28. Write any six steps needed to be taken for management of forest resources. | 6 |
| 29. Mention any six advantages of rainwater harvesting. | 6 |
| 30. What is oil spill? Write five causes of oil spill. | 1+5=6 |
| 32. Mention any six control measures of noise pollution. | 6 |
