

Total number of printed pages: 3

NB-T/EE

2019
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. Water is pre requisite for the existence of 1
(a) soil (b) air
(c) life (d) rocks
2. Marine ecosystem is also under serious threat due to 1
(a) forest fires (b) climate change
(c) human population (d) terrace cultivation
3. Intanki National Park is located in 1
(a) Assam (b) West Bengal
(c) Manipur (d) Nagaland
4. World Environment Day is celebrated on 1
(a) 6 June (b) 5 June
(c) 4 June (d) 3 June
5. A common water borne disease found in cattle is 1
(a) anthrax (b) fluorosis
(c) dermatitis (d) kidney failure
6. Conventional sources of energy include energy from 1
(a) coal (b) sun
(c) wind (d) waves
7. Which of the following is a green house gas? 1
(a) carbon monoxide (b) hydrogen
(c) oxygen (d) carbon dioxide

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|-----|--|-------------------|---|
| 8. | Acid rain has corroding effect on | | 1 |
| | (a) trees | (b) buildings | |
| | (c) water | (d) soil | |
| 9. | The growing of different crops on a piece of land by turns is called | | 1 |
| | (a) mixed cropping | (b) mixed farming | |
| | (c) crop rotation | (d) mono cropping | |
| 10. | Radiation is known to cause an increase in the number of diseases like | | 1 |
| | (a) typhoid | (b) malaria | |
| | (c) cancer | (d) dengue | |

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

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|-----|--|---|
| 11. | Write the full form of JFM. | 1 |
| 12. | What is compost? | 1 |
| 13. | Name one disease cause by soil pollution. | 1 |
| 14. | Write one advantage of electrostatic precipitator. | 1 |
| 15. | Write the meaning of the word 'tsunami'. | 1 |
| 16. | State one consumer right. | 1 |

Answer the following questions in about 20 - 30 words:

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|-----|---|---|
| 17. | What is a national park? | 2 |
| 18. | Define the term disaster. | 2 |
| 19. | Write two effects of tobacco smoke. | 2 |
| 20. | Mention any two reasons behind displacement of people. | 2 |
| 21. | Write two major consequences caused by scarcity of fuelwood in rural areas. | 2 |
| 22. | Differentiate between recycling and reuse. | 2 |
| 23. | Define food adulteration. | 2 |
| 24. | Write any two ways of water harvesting. | 2 |

Answer the following questions in about 30 - 50 words:

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| 25. | Give three reasons why conservation of natural resources is important. | 3 |
| 26. | Explain briefly the three zones of a biosphere reserve. | 3 |
| 27. | Write any three benefits of biofertilizers. | 3 |

28. Write any three popular indigenous practices in our country for nature conservation. 3
29. Mention any three reasons behind a rapid rise in energy demand in the past two decades. 3
30. State three impacts of ozone layer depletion. 3
31. Mention any three aims on consumer education. 3

Answer the following questions in about 50-60 words:

32. a. 'there are no shortcuts to the problem of forest destruction' Suggest any five long term solutions for conservation and management of forests. 5
Or
 b. Write any five important points of coral reefs.
33. a. Write any five ways for abatement of noise pollution. 5
Or
 b. Write five ways for abatement of radiation pollution.
34. a. Mention five control measures and mitigation of floods. 5
Or
 b. Mention any five control measures and mitigation of earthquake.

Answer the following questions in about 70-100 words:

35. a. Write any six major pollutants of water. 6
Or
 b. Mention six causes of oil spill.
36. a. Write any six measures to protect wildlife. (6)
Or
 b. Expand the term WWF. State five broad programme components under WWF. 1+5=6
