

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

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:

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:

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:

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**
