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.

Or **5**

b. Write any five important points of coral reefs.

33. **a.** Write any five ways for abatement of noise pollution.

Or **5**

b. Write five ways for abatement of radiation pollution.

34. **a.** Mention five control measures and mitigation of floods.

Or **5**

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.

Or **6**

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**

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