

**2016**  
**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. World Environment Day is celebrated on **1**  
(a) 26<sup>th</sup> January (b) 5<sup>th</sup> June  
(c) 15<sup>th</sup> August (d) 14<sup>th</sup> November
2. One method of controlling soil erosion is **1**  
(a) mono agriculture (b) monocropping  
(c) overgrazing (d) rotation of crops
3. Automobiles are regarded as the greatest source of **1**  
(a) air pollution (b) soil pollution  
(c) industrial pollution (d) radiation pollution
4. Noise can also produce some serious effects on human body like **1**  
(a) Bone deformation (b) Anaemia  
(c) Paralysis (d) Deafness
5. One reason behind depletion of forest cover is **1**  
(a) plantation of trees (b) overgrazing  
(c) afforestation (d) reforestation
6. The whole world is facing acute shortage of **1**  
(a) food (b) water  
(c) energy (d) wood
7. Disasters that remain confined to land and bottoms of oceans are called **1**  
(a) terrestrial disasters (b) atmospheric disasters  
(c) planetary disasters (d) extra-planetary disasters

8. Indigenous practices means practices developed and properly applied by **1**  
 (a) native people (b) urban sector  
 (c) town dwellers (d) none of these
9. A person who consumes or uses different types of goods and services is called **1**  
 (a) consumer (b) customer  
 (c) trader (d) buyer
10. In which part of India is the 'Zabo System' of water conservation practiced? **1**  
 (a) Rajasthan (b) Manipur  
 (c) Nagaland (d) Arunachal Pradesh.

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

11. Write the full form of WWF. **1**
12. Name the first cloned adult sheep. **1**
13. Name the popular unit of sound measurement. **1**
14. Name any one green house gas. **1**
15. Write any one man made cause of displacement of people. **1**
16. What is food adulteration? **1**

**Answer the following questions in about 20 - 30 words:**

17. What is conservation and management of forest? **2**
18. Define genetic engineering. **2**
19. What is pollution? **2**
20. Define the term 'public participation' in environmental context. **2**
21. Name any two diseases caused due to water pollution. **2**
22. What is displacement? **2**
23. Name any two traditional sources of energy in the rural sector. **2**
24. Write any two consumer rights. **2**

**Answer the following questions in about 30 - 50 words:**

25. Differentiate between social forestry and agro-forestry. **1½+ 1½ =3**
26. State any three practices of conservation and management of soil. **3**
27. Differentiate between exposure and risk. **1½+ 1½ =3**

28. Mention any three methods of energy conservation. 3
29. What is disaster management? Name any one example of atmospheric disaster. 2+1=3
30. Mention any three points a consumer should check while buying packaged commodity. 3
31. State any three advantages of the use of CNG over other fuels. 3

**Answer the following questions in about 50-60 words:**

32. a. 'The number of species of wildlife is declining throughout the world' Suggest any five causes for the loss of species of wildlife. 5
- Or**
- b. What is biosphere reserve? Name and explain the three zones of a biosphere reserve. (2+3=5)
33. a. Mention any five sources of marine pollution. 5
- Or**
- b. What are oil spills? Mention four causes of oil spills. (1+4=5)
34. a. Name one eco-friendly technology. Write four factors for selection of an appropriate technology. (1+4=5)
- Or**
- b. Mention any five problems created due to stress caused on environment by modern development. 5

**Answer the following questions in about 70-100 words:**

35. a. What is rain water harvesting? Write four aims of rain water harvesting. 2+4=6
- Or**
- b. What is a coral reef? Write any five reasons why coral reefs are important. (1+5=6)
36. a. What is global warming? Mention any five impacts of global warming. 1+5=6
- Or**
- b. Write one importance of ozone layer. Mention five harmful impacts of ultraviolet radiation.

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