

**2017**  
**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. The land surrounding a river or lake is called **1**  
(a) bank (b) watershed  
(c) water bed (d) pond
2. Biofertiliser means living materials used to increase **1**  
(a) amount of soil (b) microbes of soil  
(c) fertility of soil (d) pesticides
3. The major source of carbon dioxide is burning **1**  
(a) fossil fuels (b) paper  
(c) dry grass (d) dry leaves
4. Air pollution is a major **1**  
(a) local problem (b) regional problem  
(c) national problem (d) global problem
5. Non-conventional sources of energy include energy from **1**  
(a) coal (b) petroleum  
(c) natural gas (d) sun
6. Food poisoning is also caused if the drinking water contains **1**  
(a) normal rain (b) calcium  
(c) acid rain (d) metals
7. Failure of rains for a longer time in a large region causes **1**  
(a) flood (b) drought  
(c) cyclone (d) landslides

8. The most effective, clean and eco friendly technology for rural people is **1**  
 (a) biogas (b) biomass  
 (c) solar energy (d) hydropower
9. 'Right to choose' means right to be **1**  
 (a) heard (b) redressed  
 (c) assured (d) informed
10. Chipko movement is related to **1**  
 (a) protect trees (b) cut trees  
 (c) conserve water (d) conserve soil

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

11. Write one harmful effect of noise pollution. **1**
12. Name the form of energy mostly consumed in urban areas. **1**
13. Name one green house gas. **1**
14. Name one natural disaster. **1**
15. Write the full form of WWF. **1**
16. Write one measure to stop cruelty to animals. **1**

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

17. Define extension forestry. **2**
18. What is biotechnology? **2**
19. Mention any two popular indigenous practices for nature conservation. **2**
20. State the two major consequences of scarcity of fuelwood in rural areas. **2**
21. Mention any two effects of forest fires. **2**
22. What is crop rotation? **2**
23. Who is a consumer? **2**
24. Write any two measures to protect wildlife. **2**

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

25. State any three environmental problems caused due to shifting or jhum cultivation in Nagaland. **3**
26. Differentiate between national parks and sanctuaries. **1½+ 1½ = 3**

27. Write three effects of water pollution on human health. 3
28. Mention any three reasons behind displacement of people. 3
29. State three impacts of ozone layer depletion. 3
30. Write any three importance of sacred grove. 3
31. Mention the three aims of consumer education. 3

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

32. a. Mention the five advantages of rainwater harvesting. 5  
**Or**  
 b. Write any five ways to conserve forest.
33. a. Write five technological strategies to reduce air pollution. 5  
**Or**  
 b. Mention any five ways for abatement of noise pollution.
34. a. Mention any five control measures and mitigation of earthquake. 5  
**Or**  
 b. Mention five control measures and mitigation of flood.

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

35. a. Write any six importance of coral reefs. 6  
**Or**  
 b. Write any six soil conservation and management techniques.
36. a. Write any six major pollutants of water. 6  
**Or**  
 b. Mention six causes of oil spill.

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