

2019
CLASS - IX
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.*
- 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 water bodies viz rivers, ponds, oceans etc form the **1**
(a) hydrosphere (b) atmosphere
(c) lithosphere (d) stratosphere
2. Which of the following is an example of carnivore? **1**
(a) goat (b) sheep
(c) deer (d) tiger
3. The flow of energy that occurs along a food chain is called **1**
(a) nutrient flow (b) food flow
(c) energy flow (d) food web
4. Which one of the following is *not* a fossil fuel ? **1**
(a) firewood (b) solar energy
(c) coal (d) petroleum
5. Planting of trees in the village common lands for the purpose of fuel and fodder is called **1**
(a) agro forestry (b) mixed cropping
(c) crop rotation (d) social forestry
6. The source of dispute between Haryana and Punjab is over shortage of **1**
(a) water (b) firewood
(c) coal (d) petroleum
7. The practice of using used articles again and again is called **1**
(a) reduce (b) reuse
(c) refuse (d) recycling

8. The process of disposing waste by burning is called **1**
(a) composting (b) landfilling
(c) incineration (d) dumping
9. Which of the following does *not* come under traditional values? **1**
(a) truth (b) scientific outlook
(c) peace (d) compassion
10. Swa-Shakti is a scheme for the development of **1**
(a) rural women (b) urban women
(c) Unemployed women (d) pregnant women

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

11. What are estuaries? **1**
12. Write an example of three step food chain in a grassland ecosystem. **1**
13. Name the chief produce of forest. **1**
14. Write the full form of CNG. **1**
15. What is value education? **1**
16. Name one programme implemented for the welfare of Indian children. **1**

Answer the following questions in about 20-30 words:

17. Write any two features of open sea ecosystem. **2**
18. Name any two biotic components of an ecosystem. **2**
19. State any two nature's mechanism in maintaining balance of an ecosystem. **2**
20. Mention any two adverse effects of mining. **2**
21. What is environmental impact assessment (EIA)? **2**
22. Mention any two consequences of deforestation. **2**
23. Name any two agricultural wastes. **2**
24. Differentiate between pollution and pollutant. **2**

Answer the following questions in about 30-50 words:

25. Mention three harmful effects of increasing facilities of tourism and pilgrimage. **3**
26. Write any three indigenous agricultural practices. **3**
27. Mention any three major factors for causing deaths of numerous hornbills. **3**

28. Write any three impacts of resource depletion. **3**
29. Differentiate between aerobic and anaerobic composting. **1½+1½=3**
30. List any three ethical practices which an individual can undertake for the protection of environment. **3**
31. 'Women and children have a great role to play towards environment'. Cite any three points supporting the above statement. **3**

Answer the following questions in about 50-70 words:

32. a. Mention five measures that can be adopted to check pollution of environment. **5**
- Or**
- b. Write any five important alternatives to replace fast depleting traditional natural resources.
33. a. 'Plastic bags is the biggest nuisance in modern culture' Suggest any five points supporting the above statement. **(5)**
- Or**
- b. What are wastes? State two differences each between biodegradable and non-biodegradable wastes. **1+4=5**
34. a. Write five advantages of composting. **5**
- Or**
- b. Write any five deficiencies observed in waste management.

Answer the following questions in about 70-100 words:

35. a. Write any six important functions of air. **6**
- Or**
- b. Write any six importance's of forests.
36. a. State any six measures for prevention and control of air pollution. **6**
- Or**
- b. Mention any six ways for prevention and control of soil pollution.
