

2021
ENVIRONMENTAL EDUCATION

Total marks: 70

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 26 questions. All questions are compulsory.*

iii) *Marks are indicated against each question.*

iv) *Internal choice has been provided in some questions.*

N.B: *Check that all pages of the question paper is complete as indicated on the top left side.*

1. Fresh water, ice and water vapour form the remainder part of 1
(a) hydrosphere (b) lithosphere
(c) atmosphere (d) stratosphere

2. The major challenge facing the human race today is the move towards 1
(a) eradicating poverty (b) sustainability
(c) population control (d) consumerism

3. One of the major signs of urbanization has been the increased use of 1
(a) fertilizers (b) urban housing
(c) electricity (d) vehicles

4. The strain imposed on natural resources by human overpopulation is called 1
(a) poverty (b) overcrowding
(c) population pressure (d) population explosion

5. An integral part of the socio-economic development of a society is 1
(a) food (b) employment
(c) cultural values (d) health

6. Rise in the temperature of water around the reefs led to 1
(a) ground water pollution (b) coral bleaching
(c) oil spills (d) water pollution

7. The first priority of hazardous waste management is to reduce the 1
(a) recyclable waste (b) medical waste
(c) quantity of waste (d) quality of waste

8. Bagassosis is caused by the inhalation of 1
(a) sugarcane dust (b) grain dust
(c) cotton fibre dust (d) pollen dust

9. The energy associated with the flow of electric charge is **1**
(a) solar energy (b) electrical energy
(c) kinetic energy (d) mechanical energy
10. The principal energy source for millions of people in developing countries is **1**
(a) coal (b) petroleum
(c) firewood (d) electricity
11. Write any two objectives of conservation of environment. **2**
12. Mention any two effects of acid rain. **2**
13. What is deforestation? Give one effect of deforestation. **2**
14. Name any two important voluntary organisations in Nagaland at state or district level acting in public interest. **2**
15. Write the full form of NPCB and CFCs. **2**
16. Write any two ways to reduce noise pollution. **2**
17. State any two adverse effects of global warming on human society. **2**
18. Differentiate between floral and faunal environment. **2+2= 4**
19. Explain briefly the effects of using synthetic pesticides in rural areas. **4**
20. Differentiate between quality of life and standard of life. **4**
21. Mention any four aims of Eco-club. **4**
22. Write the four natural factors which cause river floods. **4**
23. **a.** Suggest any six factors for country's development. **6**
Or
b. Write any six basic components of development.
24. **a.** What is composting? Write five benefits of compost. **1+5=6**
Or
b. What is incineration? Give three benefits and two drawbacks of incineration. **(1+3+2=6)**

25. a. Mention any three advantages and three environmental consequences of hydel energy. **3+3=6**
- Or**
- b. Write four advantages and two limitations of geothermal energy. **(4+2=6)**
26. a. What is cyclone? Write four impacts of cyclones on environment. Suggest two preventive measures of cyclone. **2+4+2=8**
- Or**
- b. What is an earthquake? Mention three impacts of earthquake on environment. Give three preventive measures of earthquake. **(2+3+3=8)**
