

**2020**  
**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. Decomposers are also called as **1**  
(a) producers (b) microconsumers  
(c) carnivores (d) consumers
  
2. Zabo system of rain water harvesting is practised in **1**  
(a) Kerala (b) Assam  
(c) Gujarat (d) Nagaland
  
3. Economic growth aims to improve **1**  
(a) quality of life (b) health and happiness  
(c) health and hygiene (d) social needs
  
4. The pollutants which are capable of being broken down into simpler substances by the action of microbes are called **1**  
(a) primary pollutants (b) secondary pollutants  
(c) biodegradable pollutants (d) non-biodegradable pollutants
  
5. The use of gadgets like mixers, vaccum cleaners, washing machines etc contribute to **1**  
(a) radiation polution (b) noise pollution  
(c) air pollution (d) soil pollution
  
6. Farmer's lung is due to inhalation of **1**  
(a) pollen (b) asbestos  
(c) grain dust (d) smoke
  
7. Thermal energy is the energy associated with **1**  
(a) chemical (b) motion  
(c) pressure (d) heat

8. Firewood and agricultural wastes remain the major source of energy in **1**  
(a) urban areas (b) rural areas  
(c) semi-urban areas (d) cities
9. Amongst all forms of energy, which energy has the greatest potential? **1**  
(a) solar energy (b) hydel energy  
(c) wind energy (d) nuclear energy
10. Judicious use of energy resources is called. **1**  
(a) planning (b) management  
(c) conservation of energy (d) production
11. Define the term 'environment'. **2**
12. What is desertification? **2**
13. Write the full form of HIV and AIDS. **2**
14. Write four methods through which a campaign programme can be launched. **2**
15. Define pollutant with an example. **2**
16. State any two effects of ozone depletion. **2**
17. Mention any two strategies to reduce air pollution. **2**
18. Write any four principles of code of ecology. **4**
19. Differentiate between environmental pollution and environmental degradation. **2+2= 4**
20. Write two important sources of radiation. State any two consequences of radiation pollution. **2+2=4**
21. Write four differences of energy consumption in rural and urban regions. **4**
22. Write any four tips to save energy while cooking. **4**
23. **a.** What is population pressure? Explain briefly how population growth has resulted in deforestation and species extinction. **2+4=6**  
**Or**  
**b.** What is population explosion? Explain briefly how population explosion has affected food consumption and overcrowding.

24. **a.** Where are children mainly employed as child labours in cities and towns?  
Write three ways how child labour retards the development of a society. **3+3=6**
- Or**
- b.** What is globalisation? Write two advantages and disadvantages of using internet. **(1+5=6)**
25. **a.** What is hazardous waste? Write four measures to handle hazardous waste. **2+4=6**
- Or**
- b.** What is composting? Write any four advantages of composting.
26. **a.** State four impacts of landslides on the environment. List any four preventive measures to avoid landslide. **4+4=8**
- Or**
- b.** Mention four impacts of drought on the environment. Write four preventive measures of drought.

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