



परमाणु ऊर्जा शिक्षण संस्था
Atomic Energy Education Society
Worksheet Answerkey (2025-26)

I. Choose the correct answer:

(10 x 1=10)

- | | |
|----------------------|------------------------------|
| 1. b) Sun | 6. a) tanka |
| 2. c) Wind energy | 7. b) 22 nd March |
| 3. a) Recycling | 8. a) renewable |
| 4. b) Coal | 9. a) crop rotation |
| 5. c) clay and humus | 10.d)all of these |

II. Choose the correct answer from options given below for the statements. (4x1=4)

11. (d) A is false, but R is true
12. (d) A is false, but R is true
13. (b) Both A and R are true, but R is not the correct explanation of A
14. (a) Both A and R are true and R is the correct explanation of A

III. Read the following passage and answer the question carefully.

(4x1=4)

15. c) preventing heat from escaping
16. c) solar energy
17. b) ensuring heat absorption
18. d) all of these

IV. Short answer type questions -I

(5x2=10)

19. Natural resources are those that exist naturally in the environment and are used by human. Some common examples of natural resources are air, sunlight, soil, water, fossil fuels.
20. It is important to conserve non-renewable resources because non-renewable resources are limited in supply, take a long time to replenish, and are essential for our lives.
21. The technique of rainwater harvesting includes step wells, kunds, bawadi, tanka and johad systems.
22. Electricity can be produced from non-renewable resource like coal (thermal power plants) and renewable resources like water (hydropower plant), wind (wind mill) etc.
23. (i) Afforestation
(ii) Agricultural practices like crop rotation and fallowing

V. Short answer type questions- II

(4x3=12)

24. Plastics, paper and glass are the items that can be recycled.
Plastics are recycled by the process of collection, sorting, cleaning, shredding, melting and moulding into new one. Paper by the process of collection, sorting, pulping, de-inking, drying and making new paper. Glasses are recycled by collection, sorting, cleaning, crushing and melting.
25. The sustainable agricultural practices aim to increase productivity, efficiency and ensure sustainability by improving the soil fertility, using genetically modified crops, drip irrigation, sprinkler systems, pest management and organic farming. In addition tractors, combine harvesters, seed drills and plows are being used.
- 26.(i) Resources are limited on earth. We should use them judiciously to save for future generations.
(ii) Non-renewable resources such as fossil fuels should be used limitedly as they take millions of years to form.
(iii) If there will be no resources then there will be no life on earth.
27. Always wash car using bucket instead of using water pipe.
Turn off taps when not in use at any situation.
While going for physical education class make sure to Switch off fans and light in your class room.