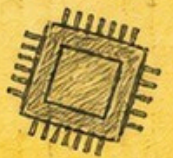


INFORMATION TECHNOLOGY & ARTIFICIAL INTELLIGENCE

— Empowering Minds with Technology —



PART-A

Green Skills-I

HIGHLIGHT BY @CNDYAGL



Topics covered:

- Sustainable development
- Natural resources
- Renewable and non-renewable resources
- Environmental conservation
- Waste management
- 3Rs
- Green economy
- Energy conservation
- Water conservation
- Biodiversity



Section A - Multiple Choice Questions

1. Sustainable development means:

- A. Meeting present needs without harming future generations
- B. Using all resources quickly
- C. Ignoring the environment
- D. Stopping all development

2. Which is renewable?

- A. Solar energy
- B. Coal
- C. Petroleum
- D. Natural gas

3. Which is non-renewable?

- A. Wind
- B. Solar
- C. Coal
- D. Sunlight

4. The 3Rs are:

- A. Reduce, Reuse, Recycle
- B. Read, Run, Rest
- C. Repair, Remove, Replace
- D. Reduce, Remove, Return

5. Water conservation means:

- A. Using water carefully and avoiding wastage
- B. Using more water
- C. Polluting rivers
- D. Leaving taps open

6. A green economy promotes:

- A. Environmentally responsible growth
- B. Unlimited pollution
- C. Resource wastage
- D. Only fossil fuels

7. Planting trees can help:

- A. Support biodiversity and absorb carbon dioxide
- B. Increase plastic waste
- C. Reduce soil quality
- D. Waste water only

8. Which action saves energy?

- A. Switching off unused lights
- B. Leaving devices on
- C. Keeping doors open with AC on
- D. Using inefficient appliances unnecessarily

9. Reusing a bottle means:

- A. Using it again
- B. Throwing it away
- C. Burning it
- D. Recycling it immediately

10. Biodiversity refers to:

- A. Variety of living organisms
- B. Only number of trees
- C. Amount of rainfall
- D. Types of machines

Section B – Very Short Answer Questions

1. Define sustainable development.
2. What is a renewable resource?
3. What is a non-renewable resource?
4. State the 3Rs.
5. What is conservation?
6. What is a green economy?
7. Why should water be conserved?
8. Give one way to save electricity.
9. What is biodiversity?
10. What is waste management?

Section C – Short Answer Questions

1. Differentiate between renewable and non-renewable resources.
2. Explain the 3Rs with examples.
3. Why is sustainable development important?
4. Suggest five ways students can conserve water and energy.
5. Explain how waste management protects the environment.

Section D – Long Answer Questions

1. Explain sustainable development and its importance for future generations.
2. Discuss renewable and non-renewable resources with suitable examples.
3. Explain the 3Rs and how they can be applied at home and school.
4. Describe the importance of biodiversity and ways to conserve it.
5. Explain how individuals, schools and businesses can contribute to a green economy.

Section E – Case-Based Questions

1. A school notices that students leave lights and fans running in empty classrooms. Suggest an energy-conservation plan.
2. A family uses many single-use plastic items every day. Apply the 3Rs to reduce their waste.
3. A village faces water shortage during summer. Suggest practical water-conservation measures.
4. A community replaces diesel-powered street lighting with solar lights. Explain the environmental benefit.
5. A school garden attracts birds and insects after native plants are introduced. Explain how this supports biodiversity.



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ALL THE BEST

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