INDIAN SCHOOL AL WADI AL KABIR		
CLASS: X	**SKILL EDUCATION 2026 – 2027** **SUBJECT: HEALTHCARE**	**DATE:** **12.11.2026**
WORKSHEET **With answers**	**TOPIC: UNIT 5 GREEN SKILLS (EMPLOYABILITY SKILLS)**	**NOTE: A4 FILE FORMAT**
NAME OF THE STUDENT:	**CLASS & SEC:**	**ROLL NO.**

Section A: Multiple-Choice Questions (MCQs)

1. What is the main aim of sustainable development?

A. To increase industrial production only

B. To meet present needs without compromising future generations

C. To use all available natural resources

D. To promote urbanisation only

2. Which of the following is a renewable source of energy?

A. Coal

B. Petroleum

C. Solar energy

D. Natural gas

3. Which of the following is an example of a green job?

A. Solar panel technician

B. Illegal logging worker

C. Coal wastage supervisor

D. Plastic litter collector who burns waste

4. What do the 3Rs stand for?

A. Reduce, Reuse, Recycle

B. Read, Remember, Repeat

C. Repair, Remove, Replace

D. Reuse, Reject, Remove

5. Which of the following contributes to air pollution?

A. Planting trees

B. Using solar energy

C. Burning fossil fuels

D. Rainwater harvesting

6. What is a green economy?

A. An economy based only on agriculture

B. An economy that promotes environmental sustainability and efficient resource use

C. An economy that depends entirely on fossil fuels

D. An economy without industries

7. Which practice helps conserve water?

A. Keeping taps running

B. Washing vehicles with a hose continuously

C. Repairing leaking taps

D. Discharging untreated sewage into rivers

8. Which of the following is biodegradable waste?

A. Plastic bottle

B. Vegetable peels

C. Glass pieces

D. Aluminium can

9. Which international goal focuses on responsible consumption and production?

A. Sustainable Development Goal 12

B. Sustainable Development Goal 4

C. Sustainable Development Goal 8

D. Sustainable Development Goal 16

10. What is the main purpose of afforestation?

A. To increase soil erosion

B. To increase forest cover by planting trees

C. To increase air pollution

D. To reduce biodiversity

11. Which of the following is a non-renewable resource?

A. Wind

B. Sunlight

C. Coal

D. Flowing water

12. What is the meaning of a carbon footprint?

A. The amount of land covered by forests

B. The total greenhouse gas emissions associated with an activity or individual

C. The quantity of oxygen produced by plants

D. The amount of rainfall in an area

13. Which activity promotes biodiversity conservation?

A. Destroying natural habitats

B. Hunting endangered animals

C. Protecting wildlife habitats

D. Cutting trees indiscriminately

14. Which of the following is an example of rainwater harvesting?

A. Collecting and storing rainwater for future use

B. Pumping groundwater unnecessarily

C. Allowing rainwater to flow into drains without collection

D. Wasting water during irrigation

15. Why are green skills important?

A. They encourage wasteful consumption

B. They help people work and live in environmentally responsible ways

C. They increase dependence on non-renewable resources

D. They discourage the use of clean technology

Section B: Short-Answer Questions

1. What are green skills? Give two examples.

2. State any two causes of environmental degradation.

3. What is sustainable development? Give one example.

4. Mention any two benefits of using renewable energy.

5. What is the importance of waste segregation?

Section C: Long-Answer Questions

1. Explain any four ways in which students can contribute to environmental protection.

2. Explain four major objectives of sustainable development.

3. What are green jobs? Explain four examples of green jobs.

4. Explain four harmful effects of deforestation.

5. How can industries adopt green practices? Explain any four measures.

ANSWERS

	Section A: Multiple-Choice Questions (MCQs)
1.	B. To meet present needs without compromising future generations.
2.	C. Solar energy.
3.	A. Solar panel technician.
4.	A. Reduce, Reuse, Recycle.
5.	C. Burning fossil fuels.
6.	B. An economy that promotes environmental sustainability and efficient resource use.
7.	C. Repairing leaking taps.
8.	B. Vegetable peels.
9.	A. Sustainable Development Goal 12.
10.	B. To increase forest cover by planting trees.
11.	C. Coal.
12.	B. The total greenhouse gas emissions associated with an activity or individual.
13.	C. Protecting wildlife habitats.
14.	A. Collecting and storing rainwater for future use.
15.	B. They help people work and live in environmentally responsible ways.
	Section B: Short-Answer Questions
1.	Green skills are the knowledge, abilities, values and attitudes needed to support environmentally sustainable practices. Examples: • Conserving water and electricity. • Managing waste through recycling and reuse.
2.	1. Deforestation, which destroys habitats and increases soil erosion. 2. Industrial pollution, which contaminates air, water and soil.
3.	Sustainable development means meeting the needs of the present generation without compromising the ability of future generations to meet their own needs. Example: Using solar energy instead of depending entirely on fossil fuels.
4.	1. It reduces dependence on finite fossil fuels. 2. It helps reduce greenhouse gas emissions and air pollution.
5.	1. It helps separate recyclable and biodegradable waste from non-recyclable waste. 2. It makes waste processing easier and reduces the amount of waste sent to landfills.
	Section C: Long-Answer Questions
1.	1. Save electricity: Switch off lights, fans and other appliances when not in use. 2. Conserve water: Close taps properly and report leaking taps. 3. Reduce waste: Avoid single-use plastics and use reusable products.

	4. Plant and protect trees: Participate in tree-planting activities and care for plants.
2.	1. Conservation of natural resources: Use resources carefully to prevent depletion. 2. Environmental protection: Reduce pollution and protect ecosystems. 3. Social well-being: Promote access to education, healthcare and basic needs. 4. Economic development: Encourage economic growth that does not cause long-term environmental damage.
3.	Green jobs are jobs that contribute to preserving or restoring the environment and promoting sustainability. 1. Solar panel technician: Installs and maintains solar energy systems. 2. Wind turbine technician: Maintains wind turbines used to generate electricity. 3. Environmental engineer: Develops solutions to reduce pollution and manage waste. 4. Organic farmer: Uses farming practices that reduce reliance on harmful chemical inputs and protect soil health.
4.	1. Loss of biodiversity: Animals and plants lose their natural habitats. 2. Soil erosion: Tree roots no longer hold the soil firmly, increasing erosion. 3. Climate change: Fewer trees are available to absorb carbon dioxide. 4. Disturbance of the water cycle: Reduced tree cover can affect rainfall patterns and water availability.
5.	1. Use renewable energy: Install solar panels or use other clean energy sources. 2. Reduce waste: Minimise waste generation during manufacturing. 3. Recycle materials: Reuse and recycle suitable industrial materials. 4. Control pollution: Install appropriate pollution-control systems and treat wastewater before discharge.

PREPARED BY: **MR. GERARD THOMAS**	**CHECKED BY:** **AVP SCIENCE & FRENCH**