**Module 1**

**Pre-test**

Name: Course/Year/Section:

1.What is environmental science?

Environmental science emerged from the fields of natural history and medicine during the Enlightenment.

2.Can you give examples of principles of environmental science?

Based on the foundations of previous work, four basic principles of environmental science are put forward in this paper: systematic principle of environment, principle of environmental capacity, symbiosis principle of human between environment, and entropy principle.

**Pause and ponder:**

What environmental problems are you aware of? Give some examples.

-Global Warming

Name:

Course / Year /Section:

|  |  |
| --- | --- |
| **Environmental component** | **What activities in your day-to-day life interact with these environmental components?** |
| **AIR** | Breathing |
| **WATER** | Taking Bath |
| **LAND** | Walking |
| **BIOTA (PLANTS & ANIMALS)** | Planting |

**Latest Developments**

**1. C**

**2. B**

**3. A**

Self-evaluation

• What is environmental science? Explain in your own words.

Environmental science is the study of living organisms and how they interact with our environment.

• Explain each of the environmental principles in your own words.

The seven principles are 1) maintain diversity and redundancy, 2) manage connectivity, 3) manage slow variables and feedbacks, 4) foster complex adaptive systems thinking, 5) encourage learning, 6) broaden participation, and 7) promote polycentric governance systems.