MODULE 2: ESSENTIAL KNOWLEDGE ABOUT ENVIRONMENTAL ECOLOGICAL SYSTEM

Week 1 (Tuesday 7th April, 6pm to 8pm)

1. General revision of what was covered under this module
2. Functions of an ecosystem
3. General characterization of ecosystem functions

Assignment to pass latest Saturday 11th April at midday

Section A (Filling the blanks): Fill in the blank spaces below with the correct answer. (1 x 10marks).

1. _____ is the science that deals with the relationships between living organisms with their physical environment and with each other.
2. The environment in which a particular organism lives is called _____
3. The role of an organism in a habitat is called its _____
4. Two major sub-divisions of modern ecology are _____ and _____
5. The biotic components of the ecosystem are sub-divided into _____, _____ and _____
6. Another name for the matter cycle is _____
7. _____ is the capacity of natural processes and components to provide goods and services that satisfy human needs, either directly or indirectly.

Section B (short answer): provide answers to the following questions (15marks)

1. State and briefly explain the four primary groups of ecosystem functions (5marks)
   - _____
   - _____
   - _____

-

2. Critically examine the positive and negative interactions in the ecosystem (10marks)