

MID SEMESTER EXAMINATION

March 2019

FEC-7 Introduction to Environmental Science

Time: 1:00 Hour 30 Minutes

Max. Marks: 25

Note: Answer all questions.
All questions carry equal marks.
Assume suitable missing data, if any.

1. What do you mean by 10% energy transfer law? Explain in detail with single chain energy flow model. Also explain about the loss of 90 % energy. (5)
2. Write the significance of genetic biodiversity in the ecosystem? Describe the different Ex and In-situ conservation methods to conserve the biodiversity. (5)
3. What is primary and secondary ecological succession? In addition to this draw a food web for pond ecosystem. (5)
4. Define the difference between extinct, endangered, vulnerable and rare species. Also throw some light on different threats to biodiversity in India. (5)
5. Write short notes on the followings: (5)
 - (a) Abiotic components of ecosystem
 - (b) Ecological pyramids