

National Institute of Open Schooling
Senior Secondary - Biology
Lesson 25: Principles of Ecology
Worksheet -25

1. List any three important characteristics of a population and explain
2. Give an example of an ecological pyramid which is always upright. Justify your Answer
3. Define ecological pyramid? With the help of one example each, show that pyramid of number can be both upright as well as inverted.
4. Mention the factors on which productivity of an ecosystem depends? How does nature favour to increase the gross primary productivity while man tends to raise the net primary productivity?
5. With the help of a diagram, represent the energy flow through different trophic level.
6. List the factors on which pioneer species depend during secondary succession?
7. What is meant by ecological succession? Describe the different stages in which succession occurs?
8. Represent diagrammatically & describe the phosphorus cycle in an ecosystem?
9. With the help of graph describe the population growth curve?
10. Differentiate between
 - a) Commensalism and Mutualism
 - b) Tropical Rain forest and Temperate deciduous Forest