



INDIAN SCHOOL NIZWA - WORKSHEET

BIOLOGY CH-14 ECOSYSTEM-(BOARD QUESTIONS)

Name: _____

Date: _____

Class: XII-A

1. The pyramid of energy is always up right.
 - i) Explain with the help of a labeled diagram the difference between an upright pyramid of biomass and an inverted pyramid of biomass.
2. Write the relationship between primary productivity, gross primary productivity, net primary productivity and secondary productivity.
3. Justify the importance of decomposers in an ecosystem.
4. In a food chain, a trophic level represents a functional level, not a species. Explain.
5. Describe the effects of human activities in influencing natural ecosystems cycles with special reference to carbon cycle.
6. i) With suitable examples, explain the energy flow through different trophic levels.
 - ii) What does each bar in this pyramid represent.
 - iii) Write any two limitations of ecological pyramids.



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- 15 State the function of a reservoir in a nutrient cycle. Explain the simplified model of carbon cycle in nature.



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