EXERCISE: ACTIVITIES OF HUMAN ON THE ECOSYSTEM

1. Cutting down large areas of tropical forest can lead to a reduction in rainfall. What is the reason for the reduction in rainfall?
   A a reduction in photosynthesis
   B a reduction in transpiration
   C an increase in flooding
   D an increase in respiration

2. Which activities can lead to soil instability?

	deforestation	use of insecticides
A	✓	✓
B	✓	x
C	x	✓
D	x	x

3. In recent years, important rivers in many part of the world have become more acidic. What cause this change?
   A air pollution by Sulphur dioxide
   B deforestation
   C increased use of insecticides
   D increased use of nitrate fertilizers

4. Which group of waste materials are likely to be decomposed most quickly by the action of micro-organisms?
   A glass and building bricks
   B shredded paper
   C mouldy food
   D toxic chemicals

LIVEWORKSHEETS

5. What is not a consequence of global warming?

A reduction in sea level

B reduction in thickness of polar ice

C species migration to cooler habitats

D spread of deserts

6. The presence of high concentrations of nitrogen-containing fertilizers in a pond can lead to the death of fish. What is the sequence of events leading to the death of the fish?

	→			
A	increase in algae	algae die	increase in bacteria	drop in oxygen
B	increase in algae	drop in oxygen	increase in bacteria	algae die
C	increase in bacteria	drop in oxygen	increase in algae	algae die
D	increase in bacteria	increase in algae	algae die	drop in oxygen

7. What will be the effect of increasing nitrate levels in the rivers?

A Animals will absorb the nitrates and make more urea

B Animals will absorb the nitrates and form more proteins

C Plants will absorb the nitrates and make more urea

D Plants will absorb the nitrates and form more proteins

8. Why is it important to control the amount of nitrate fertilizers used o farm land?

A Nitrate causes acid rain which kills trees and fish

B Nitrate decreases the fertility of the soil

C Nitrate may lead to excessive growth of water plant

D Nitrate poisons many kinds of crop plants

LIVEWORKSHEETS

9. Many rivers are becoming clogged up by rapidly growing plants due to high levels of soluble nitrates. Which is the main source of these nitrates. Which is the main source of these nitrates?

   A decay of animals
   B denitrification by bacteria
   C drainage of fertilisers
   D pollution from the atmosphere

10. What would be an undesirable feature in an insecticide?

   A It becomes more concentrated at each stage in the food web
   B It breaks down within a few months
   C It destroys one particular insect only
   D It destroys the immature forms of the insects

LIVEWORKSHEETS