

AMIT AJMANI'S ACADEMY
D-16/82/SECTOR-7, ROHINI, DELHI
PH: 9810476588, 9953371470

X BIOLOGY CLASS TEST

M.M.-25

Name of Student: _____ **Class & Sub:** _____
Topic of Test: OUR ENVIRONMENT No. 1 **Date :** _____

- Q1. What is holozoic mode of nutrition? 1
Q2. What are trophic levels? 1
Q3. State the energy transformation done by autotrophs. 1
Q4. Define an ecosystem. 1
Q5. Coal is a fuel derived from organic matter still we can't eat it for energy. Why? 1
Q6. State the function of different biogeochemical cycles in the environment. 2
Q7. What are saprophytes? How are they able to break down substances? 2
Q8. Give two ways in which biodegradable substances would affect the environment? 2
Q9. Name the types of ecosystems giving a few egs of each. 2
Q10. What are parasites? Give a few examples. 2
Q11. Why food chain generally consists of only three or four steps? 2
Q12. What two things become clear from the energy flow diagrams? 2
Q13. What will happen if we kill all the organisms in one trophic level? 2
Q14. What are biodegradable and non-biodegradable substances? Give few eg. of both. 4
-

ANSWERS

AMIT AJMANI'S ACADEMY
D-16/82/SECTOR-7, ROHINI, DELHI
PH: 9810476588, 9953371470

X BIOLOGY CLASS TEST

M.M.-25

Name of Student: _____ **Class & Sub:** _____
Topic of Test: **OUR ENVIRONMENT No. 2** **Date :** _____

- | | |
|--|---|
| Q1. What is a food chain? | 1 |
| Q2. What are enzymes? | 1 |
| Q3. Define autotrophs or producers with 2 examples. | 2 |
| Q4. Define heterotrophs or consumers with 2 egs. | 2 |
| Q5. Name the components of an ecosystem with a few egs. of each. | 2 |
| Q6. Why are some substances biodegradable and some non-biodegradable? | 2 |
| Q7. State the role of decomposers in our environment. | 2 |
| Q8. State and explain the Ten Percent Law. | 2 |
| Q9: Differentiate between autotrophic and heterotrophic mode of nutrition. | 2 |
| Q10. Give three ways in which non-biodegradable substances affect the environment? | 3 |
| Q11. Define Herbivores, carnivores and omnivores giving two egs. of each | 3 |
| Q12. Give an example of a food chain and state the different trophic levels in it. | 3 |
-

ANSWERS

AMIT AJMANI'S ACADEMY
D-16/82/SECTOR-7, ROHINI, DELHI
PH: 9810476588, 9953371470

X BIOLOGY CLASS TEST

M.M.-25

Name of Student: _____ **Class & Sub:** _____
Topic of Test: **OUR ENVIRONMENT No. 3** **Date :** _____

1. Name two materials which can be recycled. 1
 2. Expand UNEP. 1
 3. Why use of disposable cups made of clay (Kulhads) were discontinued for vending tea on trains? 1
 4. What do you think are the advantages of disposable paper cups over disposable plastic cups? 1
 5. Why is an aquarium called as artificial ecosystem? 1
 6. Give two harmful effects of UV radiation. 1
 7. How can you help in reducing the problem of waste disposal? Give any two methods? 1
 8. Differentiate between food chain and food web (Any two). 2
 9. Differentiate b/w biodegradable & non-biodegradable wastes with egs. of each. 2
 10. What are greenhouse gases. Give 2 eg. What is their significance/importance? 3
 11. With the help of an example, explain how indiscriminate use of pesticides may result in degradation of the environment? 2
 12. Define an ecosystem. State its components with egs. of each. 3
 13. What is ozone? How it was formed and how does it affect any ecosystem? 3
 14. What is biological magnification or biological accumulation? Will the levels of this magnification be different at different levels of the ecosystem? How? 3
-

ANSWERS

AMIT AJMANI'S ACADEMY
D-16/82/SECTOR-7, ROHINI, DELHI
PH: 9810476588, 9953371470

X BIOLOGY CLASS TEST

M.M.-30

Name of Student: _____ **Class & Sub:** _____
Topic of Test: **OUR ENVIRONMENT No. 4** **Date :** _____

- Q1.** Name the types of ecosystems giving a few examples of each. 2
Q2. State and explain the various consumers. 3
Q3. What are phytoplanktons and zooplanktons? 2
Q4. Draw the pyramid representation to show the various trophic levels in a food chain.
What information do you draw from this structure? 2
Q5. Expand CFCs. How do they affect our environment? 2
Q6. State a few eco-friendly methods of waste disposal. 2
Q7. Why are the pesticides like DDT and aldrin banned in our country? 2
Q8. Give the significance of food web. 2
Q9. Why are crop fields known as artificial ecosystem? 2
Q10. What is 'incineration'? 1
Q11. What is meant by garbage management? 1
Q12. Explain some harmful effects of agricultural practices on the environment. 3
Q13. How food chains get shortened? How does their shortening affect the biosphere? 2
Q14. 'Vegetarian food habits can sustain a larger number of people'. Justify the statement in terms of food chain. 2
Q15. We do not clean ponds or lakes, but an aquarium needs to be cleaned. Why? 2
-

ANSWERS