



BIOLOGY

NCERT - NCERT BIOLOGY(TELUGU)

OUR ENVIRONMENT - OUR CONCERN

Improve Your Learning

1. What happens to the amount of energy transferred from one trophic level to the next in a food chain?



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2. What do pyramids and food chain indicate in an ecosystem?



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3. Write a short note on pyramid of numbers for any food chain. What did you conclude from the pyramid of numbers drawn using :
tree



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4. Write a short note on pyramid of numbers for any food chain. What did you conclude from the pyramid of numbers drawn using :
insects



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5. Write a short note on pyramid of numbers for any food chain. What did you conclude

from the pyramid of numbers drawn using :

woodpecker



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6. Draw the pyramid of biomass using the terms given below:

grass



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7. Draw the pyramid of biomass using the terms given below:

herbivores



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8. Draw the pyramid of biomass using the terms given below:

predators



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9. Draw the pyramid of biomass using the terms given below:

hawk



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10. How does the usage of toxic substances affect an ecosystem? Write a short note on bioaccumulation and biomagnification.



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11. Should we use pesticides to protect the crops and foods from pests? Or should we think of alternatives? Write your opinion and the reasons for it.



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12. What is a trophic level? What does it represent in an ecological pyramid?



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13. If you want to know more about flow of energy in an ecosystem, what questions do you ask?



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14. What will happen if we remove predators from food web?



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15. Observe a plant in your kitchen garden, and write a note on producer- consumer relationship.



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16. Collect information on sebum and prepare a news bulletin, display it on bulletin board.



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17. Draw a pyramid of numbers considering yourself as a top level consumer. Write about the lower trophic levels.



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18. Prepare slogans to promote awareness in your classmates about ecofriendly activities.



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19. Suggest any three programmes on avoiding pesticides and preventing soil pollution.



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20. What happens to the amount of energy transferred from one trophic level to the next in a food chain?



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21. What do pyramids and food chain indicate in an ecosystem?



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22. Write a short note on pyramid of number for any food chain? What can we conclude from this pyramid of numbers?

(i) tree (ii) insect (iii) woodpecker



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23. What is biomass? Draw a pyramid of biomass for the given food chain-

- (i) grass leaves (ii) herbivores (iii) predators
(iv) hawk



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24. How does the usage of toxic substances affect an ecosystem? Write a short note on bioaccumulation and biomagnification.



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25. Should we use pesticides to protect the crops and foods from pests? Or should we think of alternatives? Write your opinion and the reasons for it.



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26. What is a trophic level? What does it represent in an ecological pyramid?



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27. If you want to know more about flow of energy in an ecosystem, what questions do you ask?



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28. What will happen if we remove predators from food web?



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29. Observe a plant in your kitchen garden, and write a note on producer- consumer relationship.



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30. What type of information do you require to explain pyramid of biomass?



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31. Draw a pyramid of numbers considering yourself as a top level consumer. Write about the lower trophic levels.



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32. Prepare slogans to promote awareness in your classmates about ecofriendly activities.



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33. Suggest any three programmes on avoiding pesticides and preventing soil pollution.



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Choose The Correct Answer

1. What does a food chain always start with -

A. The herbivore

B. The carnivore

C. The producer

D. none of them

Answer:



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2. Which of the following do plants not compete for?

A. 1. Water

B. 2. Food

C. 3. Space

D. 4. All above

Answer:



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3. Ban all pesticides, this means that

A. 1. Control on usage of pesticides

B. 2. Prevention of pesticides

C. 3. Promote ecofriendly agricultural practices

D. 4. Stop biochemical factories

Answer:



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4. According to Charles Elton, which is correct statement

A. 1. Carnivores at the top of the pyramid

B. 2. Energy trapping is high at the top of the pyramid

C. 3. No producers at the top of the pyramid

D. 4. Both A and C

Answer:



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5. What does a food chain always start with -

A. The herbivore

B. The carnivore

C. The producer

D. none of them

Answer:



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6. Which of the following do plants not compete for?

A. Water

B. Food

C. space

D. all above

Answer:



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7. Ban all pesticides, this means that

A. Control on usage of pesticides

B. prevention of pesticides

C. promote eco friendly agricultural practices

D. stop bio chemical factories

Answer:



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8. According to Charles Elton, which is correct statement

A. carnivores at the top of the pyramid

B. energy trapping is high at the top of the pyramid

C. No producers at the top of the pyramid

D. a and c

Answer:



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