



BIOLOGY

BOOKS - NAVNEET PUBLICATION

THE LIVING WORLD : ADAPTATIONS AND CLASSIFICATION

Question Bank

1. In what different ways is the diversity in living things seen?



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2. Are the plant and animals from Kashmir and Rajasthan of the same type? Can you elaborate on any differences between the two?



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3. In what way are sloping branches useful to plants in a snowy region?



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4. What is the main difference between vehicles on the road and airplanes?



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5. Which are the criteria used for classification of plants and animals?



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6. Fill in the blanks with suitable word:

_____Trees like pine and deodar flourish in
snowy regions like kashmir



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7. Fill in the blanks with suitable word:

The stem of cactus perform _____in the
absence of leaves.



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8. Fill in the blanks with suitable word:

Grasses in _____ region are very tall.



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9. Fill in the blanks with suitable word:

Plants like dodder (*cuscuta*) are _____.



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10. Fill in the blanks with suitable word:

_____ have root like fibers for the absorption of the food.



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11. Fill in the blanks with suitable word:

_____ have scales on the skin and fins on the body.



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12. Fill in the blanks with suitable word:

Snakes have a _____ skin.



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13. Fill in the blanks with suitable word:

Animals have been categorized as
_____ and _____.



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14. Fill in the blanks with suitable word:

_____ is used to identify each organism.



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15. Fill in the blanks with suitable word:

29 th april is observed as _____ day.



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16. Find my match

'A' Group	'B' Group
(1) Lotus	(a) flower and leaves attract insects
(2) Aloe	(b) Haustorial roots for absorption of food
(3) Cuscuta	(c) Adapted to live in deserts
(4) Venus flytrap	(d) Adapted to live in water.



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17. Who is lying

Cockroach-I have five legs.



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18. Who is lying

Hen-My toes are webbed.



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19. Who is lying

Cactus-My fleshy green part is a leaf.



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20. Read the paragraph and answer the following questions:

I am a penguin. I live in polar region covered by snow. My abdomen is white. My skin is thick with a layer of fat underneath. My body is spindle shaped. My wings are small. My toes are webbed. We live in flocks.

Why is my skin white and thick and why is there a thick layer of fat underneath?



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21. Read the paragraph and answer the following questions:

I am a penguin. I live in polar region covered by snow. My abdomen is white. My skin is thick with a layer of fat underneath. My body is spindle shaped. My wings are small. My toes are webbed. We live in flocks.

Why do we live in flocks sticking close to each other?



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22. Read the paragraph and answer the following questions:

I am a penguin. I live in polar region covered by snow. My abdomen is white. My skin is thick with a layer of fat underneath. My body is spindle shaped. My wings are small. My toes are webbed. We live in flocks. Which geographical region do I inhabit? Why?



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23. Read the paragraph and answer the following questions:

I am a penguin. I live in polar region covered by snow. My abdomen is white. My skin is thick with a layer of fat underneath. My body is spindle shaped. My wings are small. My toes are webbed. We live in flocks.

Which adaptations should you have to enable you to live permanently in the polar region?
why?



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24. Answer the following:

How can the plants like cactus and Acacia live in deserts with scarce water?



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25. Answer the following:

What adaptations do you see in the plants of snowy regions?



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26. Answer the following:

Which type of plants grow in the soil that is deficient in nitrogen? why?



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27. Answer the following:

How is frog adapted to amphibious habitat?

Why is it called an amphibian?



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28. Answer the following:

Why is the camel called the ship of the desert?



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29. Answer the following:

Which animals other than birds can fly? what are the adaptations in their body?



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30. Answer the following:

What is the inter relationship between adaptations of organism and their surroundings?



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31. Observe the bodies of the frog, duck and tortoise.

Of what use are their legs to these animals?



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32. Observe the bodies of the frog, duck and tortoise.

What helps frogs to breathe underwater?



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33. Observe the bodies of the frog, duck and tortoise.

Of what use are the long hind legs of a frog?



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34. Observe the bodies of the frog, duck and tortoise.

Why doesn't a duck get wet in water?



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35. How are organism classified?



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36. Classify mango and man according to their hierarchy of the classification.



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37. Who gave the system of binomial nomenclature? Explain the method in brief.



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38. Define adaptation



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39. Distinguish between the following:

Deserts plants and aquatic plants.



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40. Distinguish between the following:

Herbivores and carnivores



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41. Distinguish between the following:

Adaptations in birds and fish.



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42. Read each of the statements Write a paragraph about adaptation with reference to each statement

There is extreme heat in deserts.



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43. Read each of the statements Write a paragraph about adaptation with reference to each statement

Grasslands are lush green



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44. Read each of the statements Write a paragraph about adaptation with reference to each statement

Insects are found in large numbers.



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45. Read each of the statements Write a paragraph about adaptation with reference to each statement

We hide



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46. Read each of the statements Write a paragraph about adaptation with reference to each statement

We have long ears.



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47. Use your brain power!

Why does water trickle off lotus leaves?



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48. Use your brain power!

Why don't the leaves of these plants rot in water?



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49. Use your brain power!

Why are their roots short and fibrous?



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50. Give scientific reasons:

The petiole and stem of aquatic plants have air spaces.



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51. Give scientific reasons:

Trees and creepers in the jungle grow tall



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52. Give scientific reasons:

There are haustorial roots in cuscuta



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53. Give scientific reasons:

Fungs can not perform photosynthesis.



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54. Give scientific reasons:

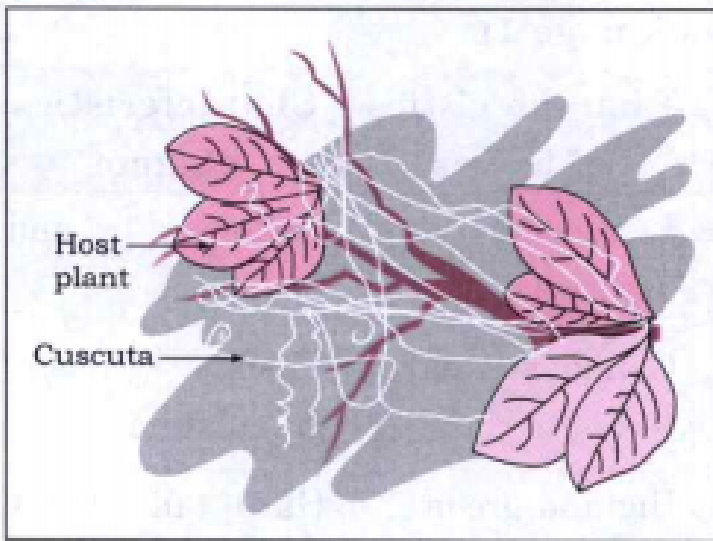
The fishes have gills instead of nose.



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55. Draw neat and well labelled diagram of the following cuscuta.

(1) Cuscuta

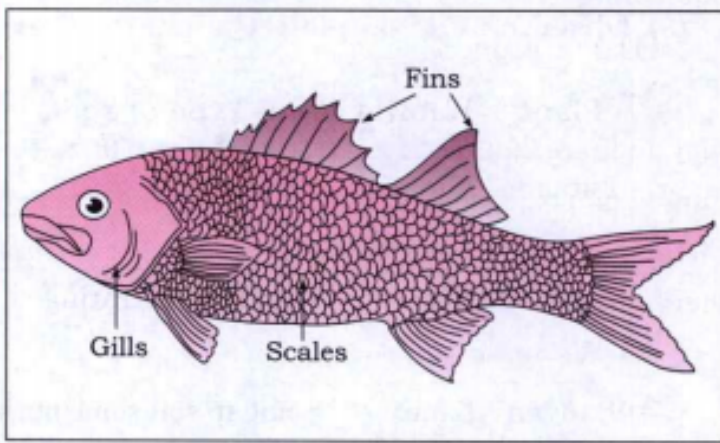


Cuscuta



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56. Draw neat and well labelled diagram of the following fish.



Fish



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57. Give scientific reasons:

The prey is unaware about tiger approaching.



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58. Answer the following questions:

What are the different types of plants in your surrounding?



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59. Answer the following questions:

Which animal stay in your house?How are they adapted?



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60. Answer the following questions:

Why is it said that it is our duty to conserve diversity of living organisms?



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61. Answer the following questions orally:

Name the desert animals.



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62. Answer the following questions orally:

Name the theories given by Charles Darwin.



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63. Answer the following questions orally:

Tell the hierarchy of the classification.



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