



BIOLOGY

NCERT - NCERT Biology(Telugu)

BIODIVERSITY AND ITS CONSERVATION

Example

1. How can you say that forests are biosphere reserves? Give reasons.



[Watch Video Solution](#)

2. What do you understand about the terms extinct



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3. What do you understand about the terms endangered



[Watch Video Solution](#)

4. What do you understand about the terms endemic? Give example



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5. What is the scientific reason behind bird's migration?



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6. What is the need of conducting biodiversity meet? Collect information about these meetings when and where it was conducted and its agenda also.



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7. What are the two A.P. species on world's 100 most threatened list? Write about them.



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8. What is "Biodiversity" ? What is its importance ?



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9. What do you understand about the terms extinct



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10. Plant genes of endangered species are stored in :



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11. Attempt giving a clear definition of the term species.



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12. What is the India's contributions in endemic species?



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13. What are invasive alien species? What are its effects?



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14. What is the necessity of project to save the tiger?



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15. What is National Park and a Sanctuary?



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16. Why do some conservations disguised as pandas?



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17. Why do we conserve biodiversity?



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18. What do we conserve biodiversity?



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19. Now-a-days we find animals like leopards and bears intruding into our living places.

What may be the reasons for this?



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20. What will happen if insects become extinct?



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21. Why the number of insects are decreasing?



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22. What can be done to save insects?



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23. How can project tiger help to save wild life?



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24. What will happen to the plants in an area, where tigers were present earlier?



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25. What will happen to the plants in an area, where tigers were present earlier?



Watch Video Solution

26. What will happen to the plants in an area, where tigers were present earlier?



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27. Make a list of animals/ birds seen now and 30 years ago. Take the help of your elders. Write few reasons for their disappearance.



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28. What is bird migration.



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29. How to make recycled newspaper from waste newspaper?



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30. Where do you find most of the biodiversity on the earth? Draw AP map showing maximum

biodiversity areas.



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31. What do you understand by biodiversity ?

How can you say variations are present in them?



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32. Most of our biodiversity is being lost due to human activities. Suggest few ways to

protect them.



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33. When you see a park, sanctuary or a zoo with many kinds of plants and animals, how would you express your happiness? Write a few lines on them.



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34. A backup solution to biodiversity conservation is



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35. Rani said conservation for biodiversity starts from our home. Is this correct? How does you support her? What will be your action for this?



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36. What are the two A.P. species on world's 100 most threatened list? Write about them.



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37. How do you appreciate the nature, which has lot of biodiversity?



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38. What is your opinion on paper recycle?





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39. When we take steps towards conserving the tiger, what are the other things that have to be conserved?



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40. Prepare some slogans or a pamphlet to make aware of people about conservation of biodiversity.



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41. Is there any extinct species in your area?

Name and write the reasons for their extinct.



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42. Have you protect any organism or animal

in your life? Write about it.



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43. In what way human activities disturb biodiversity?



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44. Why should we recycle paper?



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45. Why we prefer compressed cardboards than the wood?



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46. How the compressed cardboards are made?



[Watch Video Solution](#)

47. Is there any extinct species in your area?
Name and write the reasons for their extinct.



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48. Give your reasons as for why the organisms become so extinct.



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49. Name an endemic species of our state.



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50. Why should we conserve a small insect like a bee or butterfly?





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51. What will happen if insects become extinct?



[Watch Video Solution](#)

52. What are Biosphere Reserves?



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53. What is "Biodiversity" ? What is its importance ?



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54. What are endemic species?



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55. What do you understand by Extinct?



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56. What do you understand the word Endangered?



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57. What is a Red Data Book?



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58. What do you see in National Parks?



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59. What is a sanctuary?



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60. Give an example of a sanctuary



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61. What is migration?



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62. Name the society for conservation of nature in London.



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63. Name the most threatened bird found in Palandu Bird Sanctuary.



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64. Name the birds which were seen frequently about 30-40 years ago.



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65. Name the two animal that were on the endangered list.



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66. What is the difference between the situation regarding type of animals present 70 years.



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67. Before 60-70 years what was the situation of the forests of Ramagundam ?



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68. What is the present situation of the of crows in Hyderabad?



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69. Which of the following is not an invasive alien species in the Indian context?



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70. Name some other endemic species of India.



Watch Video Solution

71. Why should we conserve a small insect like a bee or butterfly?



Watch Video Solution

72. Why the number of insects are decreasing?



Watch Video Solution

73. What will happen if insects become extinct?



Watch Video Solution

74. What can be done to save insects?



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75. How can project tiger help to save wild life?



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76. How can project tiger help to save wild life?



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77. While saving tiger, why should it's food web also be protected?



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78. What is migration?



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Exercise

1. What do you understand by biodiversity ?
How can you say variations are present in them?



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2. Now-a-days we find animals like leopards and bears intruding into our living places.

What may be the reasons for this?



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3. Make a list of animals/ birds seen now and 30 years ago. Take the help of your elders.

Write few reasons for their disappearance.



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4. What is the need of conducting biodiversity meet? Collect information about these meetings when and where it was conducted and its agenda also.



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5. How do you appreciate the Planck?



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6. Write any two suggestions for the conservation of biodiversity at your village?



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7. When you see a park, sanctuary or a zoo with many kinds of plants and animals, how would you express your happiness? Write a few lines on them.



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8. Recently disappeared bird is

A. Crow

B. Sparrow

C. Eagle

D. Hen

Answer:



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9. Tiger project launched in

A. 1973

B. 1962

C. 1992

D. 1991

Answer:



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10. Siberian birds migrate from

A. Rome

B. Russia

C. India

D. America

Answer:



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11. Bird migrates for

A. food

B. shelter

C. food climate

D. all

Answer:



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12. Jim Corbett National Park is known for :

A. Gouhati

B. Delhi

C. Chennai

D. Vizag

Answer:



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13. What does the areas with colour codes indicate ?



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14. Which areas shows maximum biodiversity

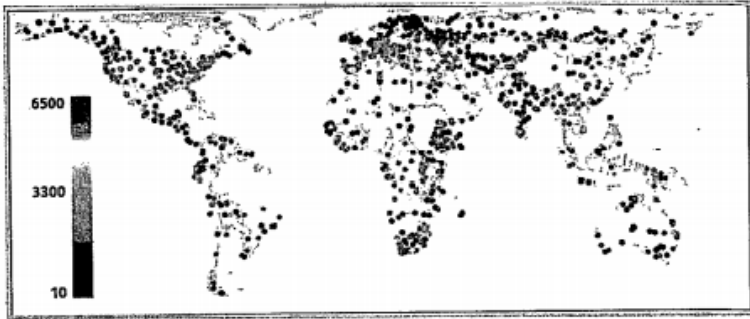


loss ?



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15. Which area show minimum biodiversity



loss?



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16. From 2010 – 2050 what difference do you find in the state of biodiversity, ?



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17. What steps would you suggest to conserve our biodiversity?



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27. Select an area in your locality. Observe the animals (living and visiting) for a day. Prepare a list ?



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28. What are the Flora and Fauna of desert Ecosystem?



Watch Video Solution

29. Browse through the internet or books on wild life and gather information about bird sancturies in India. Prepare a list of birds migrating to India.



Watch Video Solution

30. Visit to Local forest office and collect the data of local flora and fauna.



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31. Where do you find most of the biodiversity on the earth? Draw AP map showing maximum biodiversity areas.



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38. The following are the two statements about conservation of biodiversity:

When an animal or plant is endangered or threatened, and needs urgent measures to save it from extinction, ex situ conservation is the desirable approach

Ex situ conservation is usually seen as the ideal conservation strategy. Of the above statements, which one of the following options is correct?



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39. What are the things that attract you very much in nature ?



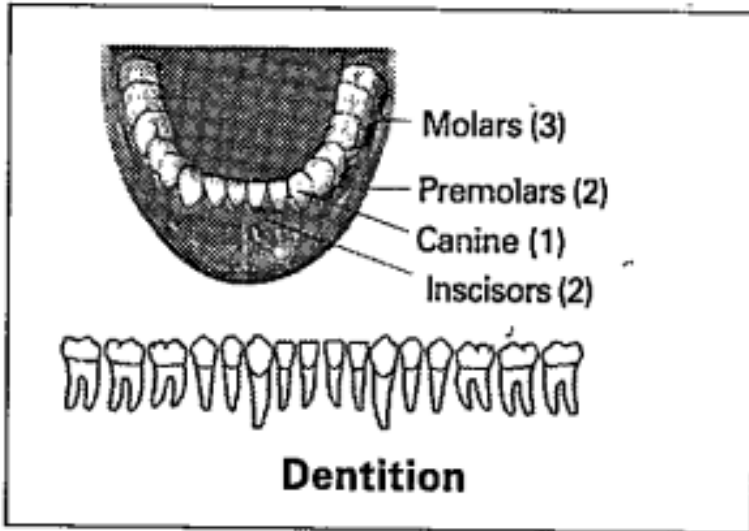
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40. While observing things a lot of thoughts may be ringing in your mind about nature. Write your feelings without any hesitation.



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41. Observe the diagram and answer the following.



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42. Find Variations in plants –





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43. Finding Variations in animals:



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44. Unisexual flat worm lives in snail and in human beings



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45. Suppose two of your classmates happen to be twins. Will they look same in structure and shape ?



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46. Are there any organisms with 100% similarities between them ?



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47. Why do they differ from each other ?



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48. What will happen if all plants are creepers ?



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49. Hen and goat both have legs. What diversity do you find between them ?



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50. Are all the nests of birds similar ? Why ?



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51. How many different rectangles can you make with a 24cm long string with integral sides and what are the sides of those rectangles in cm?



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52. What does the colours (in colour chart) indicate?



[Watch Video Solution](#)

53. What does the areas with colour codes indicate ?



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54. How can project tiger help to save wild life?



[Watch Video Solution](#)

55. What will happen to the plants in an area, where tigers were present earlier?



[Watch Video Solution](#)

56. What will happen to the plants in an area, where tigers were present earlier?



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57. Who coined the term “ecological system”?

What according to him is ecological system?



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58. What does ecosystem deal with?



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59. Name the abiotic components in an ecosystem.



[Watch Video Solution](#)

60. Name the biotic components in an ecosystem.



[Watch Video Solution](#)

61. How does an ecosystem change on a quick basis?



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62. What is the largest ecosystem present on the earth?



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63. What is a variation ?





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64. Write about Red data book ?



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65. What is an Invasive Alien species (IAS) ?



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66. What is migration ? How it will benefit to birds ?



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67. Do you think animals in an ecosystem are dependent on sunlight for their survival? Why/why not? Support your answer



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68. Define the term – producers



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69. Define the terms – consumers



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70. Define the term -decomposers.



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71. If insect population in an ecosystem is increased, what type of effect does it have in that ecosystem?



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72. Write about mangrove ecosystem.



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73. What are the biotic components and abiotic components in Mangrove forest?



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74. From the case study of Ramagundam, what we know about biodiversity?



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75. Explain the value of biodiversity?



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76. Write what you know about project tiger?



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77. What is National Park and a Sanctuary?



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78. What are the advantages of recycling paper ?



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79. Explain the preparation of card board ?



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80. Draw a flow chart to describe the classification of ecosystem



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81. Describe the components of desert ecosystem



[Watch Video Solution](#)

82. What are the Flora and Fauna of desert Ecosystem?



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83. IUCN stands for

A. International Unity for Conservation of Nature

B. Indian Union for Conservation of Nature

C. International Union for Conservation of Nature

D. Indian Union for Collapse of Nature

Answer:



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84. The threatened species among the following is

A. The great Indian Bustard

B. Gooty Tarantula

C. Both

D. None

Answer:



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85. Details of endangered and threatened species of Flora and Fauna is recorded in

- A. Red list book
- B. Green list book
- C. Brown list book
- D. Black list book

Answer:



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86. IUWC stands for

A. Indian Union for Wildlife Conservation

B. International Union for Wildlife
Conservation

C. International Union for Waste life
Conservation

D. Indian Union for Waste Conservation

Answer:



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87. Vanishing means

A. It is a warning signal about the organisms whose number have declined rapidly

B. It is a signal about the organisms whose number have declined already

C. It is a warning signal about the organisms whose number have increased rapidly

D. It is a signal about the organisms whose number have been appearing recently

Answer:



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88. Which of the following fauna is endangered?

A. Leopard

B. Indian Lion

C. Indian Wolf

D. All the above

Answer:



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89. Which of the following flora is among the endangered species?

A. Orchids

B. Mango

C. Red Sandalwood

D. Palm tree

Answer:



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90. 50% of lizards are endemic to

A. Eastern Ghats of India

B. Western Ghats of India

C. Vindhya Mountains

D. Himalayas

Answer:



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91. Which of the following is an invasive species?

A. Spanish flag plant

B. Water Hyacinth

C. Both

D. None

Answer:



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92. Invasive alien species

A. Spreads outside the natural habitat

B. Threatens biodiversity

C. Causes negative impact on food

D. All the above

Answer:



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93. Invasion of _____ has led to decrease in number of crows in Hyderabad

A. Sparrows

B. Pigeons

C. Parrots family

D. Doves

Answer:



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94. _____ is the largest member of cat family

A. Tiger

B. Leopard

C. Cheetah

D. Hyena

Answer:



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95. India has _____ % of the world's tigers.

A. 70

B. 60

C. 79

D. 87

Answer:



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96. A _____ is a large area hatched to conserve the wild life.

A. Sanctuary

B. Gymnasium

C. National park

D. Wild life amusement park

Answer:



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97. A ____ is a place where conservation of species takes place with an objective of allowing human activity in a limited way without affecting the habitat.

A. Sanctuary

B. Gymnasium

C. National parks

D. Wild life amusement park

Answer:



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98. In a national park,

A. No human activity is allowed in any form

B. Grazing of domestic animals is prohibited

C. Wild life is conserved

D. All the above

Answer:



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99. Birds move from one region to the other for food and shelter. This is called

A. Sedimentation

B. Hibernation

C. Migration

D. Aestivation

Answer:



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100. Forests are.

A. Biosphere Reserves

B. Biosphere.entertainment channel

C. Red data enclosures

D. Wild life parks

Answer:



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101. Conservation of birds is seen in

A. Sanctuary

B. Gymnasium

C. National parks

D. Wild life amusement park

Answer:



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102. The plant or animal species found restricted to a particular area (zone), region or country is called

- A. Endangered species
- B. Endemic Species
- C. Extinct species endangered
- D. Eliminated species

Answer:



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103. Blue Spider Gooty Tarantula is an endangered species of

A. A.P.

B. M.P.

C. U.P.

D. Haryana

Answer:



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104. Biodiversity meeting for the year 2012 was held at

A. Delhi

B. Calcutta

C. Hyderabad

D. Guwahati

Answer:



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105. Biosphere reserves are

A. Oceans

B. Reservoirs

C. Mountains

D. Forests

Answer:



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106. One of the following animals is an endangered species

A. Red Fox

B. Giraffe

C. Loris

D. Both A and C

Answer:



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107. Which of the following plant is an endangered species

A. Cycas

B. Banyan

C. Chrysanthemum

D. Vepa

Answer:



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108. Endemic species among the following is

A. Lion

B. Tiger

C. Kiwi

D. Elephant

Answer:



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109. Kangaroo is endemic species to

A. New Zealand

B. Australia

C. West Indies

D. Canada

Answer:



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110. Non native species are called as

A. Endangered species

B. Alien species

C. Endemic

D. Migratory species

Answer:



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111. This one is a valuable species for biodiversity

A. Butterfly

B. Cockroach

C. Spider

D. Housefly

Answer:



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112. Corbett National park is situated in

A. New Zealand

B. Guwahati

C. Andhra Pradesh

D. U.P

Answer:



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113. Siberian cranes migrate from Siberia to

A. Australia

B. Britain

C. India

D. Pakistan

Answer:



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114. (1) trees were cut down to get 1
tone of paper. (2) is the best method
of conserve paper.

A. 17

B. 20

C. 10

D. 15

Answer:



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115. Why should we recycle paper?

A. To prevent deforestation

B. For saving the man power

C. For Saving energy

D. No need to save

Answer:



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116. What does Ramagundam thermal plant suggest to mankind ?

A. To give more electricity

B. To consume more coal

C. Need to conserve forests

D. Development

Answer:



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117. E.O. Wilson is a/an

A. Naturalist

B. Biologist

C. Ecologist

D. Geologist

Answer:



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118. Which of the following is our national bird?

A. Pigeon

B. Crow

C. Sparrow

D. Peacock

Answer:



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119. Define the “Extinct” species



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120. Define the “Endemic “species



Watch Video Solution

121. Define the “Endangered “species.



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122. Now a days we find animals like leopard and bears intruding into our living places.

What may be the reason for this ?



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123. When tree is considered as an ecosystem, record the flora and fauna connected with it?



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124. What do you understand by biodiversity ?
How can you say variations are present in them?



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1. The term biodiversity was popularised by

A. Edward Jenner

B. Edward Wilson

C. Robert Brown

D. Linnaeus

Answer:



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2. One of them is a biodiversity hot spot in India

A. Nilagiri Forests

B. Himalayas

C. aravali mountain range

D. ganga river

Answer:



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3. One of them is a sacred grove in India

A. Himalayas

B. nilagiri forest

C. aravali hills

D. ganga river

Answer:



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4. World Biodiversity Meet – 2012 was held at

A. Bombay

B. Hyderabad

C. delhi

D. Kolkata

Answer:



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5. For origin of biodiversity – a case study in

A.P. is

A. Rampachodavaram

B. Nallamala forest

C. jayanthi hill

D. ethipothala

Answer:



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6. Biodiversity convention came into force on

A. 29 DEC, 1993

B. 6 JUNE, 1992

C. 3 OCT, 1994

D. 4 OCT, 1994

Answer:



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7. In India Red Panda (*Ailurus fulgens*) is

A. vulnerable

B. endangered

C. critically endangered

D. extinct

Answer:



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8. National park associated with Rhinoceros is

A. corbertt

B. Kaziranga

C. ranthambore

D. nilgiri

Answer:



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9. Which of the following animals has become almost extinct in India ?

A. wolf

B. hippopotamus

C. rhinoceros

D. cheetah

Answer:



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10. Flamingos reproduce in

A. chilka lake

B. kutch

C. sambhar lake

D. mansarovar

Answer:



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Think And Discuss

1. How many different types of tissues are present in animals?



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2. What does the pink colour indicate chart ?



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3. What does your total colour code count indicate ?



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4. How can project tiger help to save wild life?



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5. What will happen to the plants in an area, where tigers were present earlier?



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6. What will happen to the plants in an area, where tigers were present earlier?



[Watch Video Solution](#)

7. Why protection of forest is a must ?



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Improve Your Learning

1. Which area show minimum biodiversity loss?



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2. Which area show minimum biodiversity



loss?



Watch Video Solution

3. Which area show minimum biodiversity



loss?



[Watch Video Solution](#)

4. From 2010 – 2050 what difference do you find in the state of biodiversity, ?



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6. How can you say that forests are biosphere reserves? Give reasons.



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7. What do you understand about the terms (a) extinct (b) endangered (c) endemic. Give examples.



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23. When we take steps towards conserving the tiger, what are the other things that have to be conserved?



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24. Prepare some slogans or a pamphlet to make aware of people about conservation of biodiversity.



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