



BIOLOGY

BOOKS - LAKHMIR SINGH & MANJIT KAUR

CONSERVATION OF PLANTS AND ANIMALS

Exercise

1. Which gas in the atmosphere is utilised by the trees and plants in photosynthesis ?



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2. Which gas in the atmosphere traps the heat rays reflected by the earth ?

A. Carbondioxide

B. Carbonmonooxide

C. Oxygen

D. Nitrogen

Answer: A



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3. Write one word for the following :

Variety of plants, animals, and micro - organisms generally found in an area .



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4. What name is given to that part of the earth in which living organisms exist (or which supports life) ?



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5. Name the three types of protected areas which have been earmarked for the conservation of forests and wildlife .



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6. Name one Wildlife Sanctuary and one National Park which are contained in Panchmarhi Biosphere Reserve.



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7. Name any five threatened wild animals which are protected and preserved in our Wildlife Sanctuaries.



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8. For what purpose are national parks in our country established ?



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9. Name the first Reserve Forest of India.



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10. Name the objects of historical significance found in Satpura National Park.



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11. Name two animals which have vanished from Satpura National Park and two animals which are still found there.



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12. What names is given to those species :

a) That are on the verge of vanishing from earth ?

A. Extinct species

B. Endangered species

C. Tropical species

D. None of the above

Answer: B



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13. What names is given to those species :

b) That have died out completely ?



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14. Name the publication which contains record of all the endangered species (plants and animals, etc.).



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15. Name any five endangered species of animals listed in the Red Data Book of India.



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16. What is the answer to deforestation ?



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17. Name the various old paper products which can be recycled.



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18. How many full grown trees are needed to make 1 tonne of paper?



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19. State one way in which we can reuse paper.



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20. Fill in the following blanks with suitable words :

a) Deforestation increases the level of In the atmosphere.



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21. Species found only in a particular area are known as _____.



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22. A place where animals are protected in their natural habitat is called a __.



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23. Fill in the following blanks with suitable words :

d) Satpura National Park is a part of
Biosphere Reserve.



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24. Fill in the following blanks with suitable words :

e) Red Data Book contains a record of
Species.





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25. Migratory birds fly to far away places because of ____ _ changes.



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26. Fill in the following blanks with suitable words :

g) In reforestation, the planted trees should be generally of the same Which were cut down in that forest .



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27. Fill in the following blanks with suitable words :

Paper can be recycled to times.

A. Five, seven

B. One, zero

C. One, two

D. Two, three

Answer: A



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28. What is meant by deforestation ? What are the causes of deforestation ?



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29. What are the consequences of deforestation ?



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30. What is desertification ? Name one human activity which may lead to desertification .



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31. Explain how, deforestation makes the soil infertile leading to desertification.



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32. What is global warming ? Name the gas which is responsible for causing global warming .



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33. How does deforestation reduce rainfall on the one hand and lead to floods on the other?



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34. Define biosphere.



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35. Define biodiversity.



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36. Define ecosystem.



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37. What will happen if the natural habitat of a wild animal is destroyed ?



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38. What is the purpose of establishing several Biosphere Reserve, Wildlife Sanctuaries and National Parks in India ?



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39. State the role of Biosphere Reserves.



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40. What is meant by the 'flora' and 'fauna' of an area ? Give two example of flora and two examples of fauna of Pachmarhi Biospere Reserve.



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41. Which of the following belong to 'fauna' and which belong to 'flora' of the Pachmarhi Biosphere Reserve ?

Sal, Arjun, Cheetal, Teak, Leopard, Fern, Blue bull, Barking deer, Mango, Wolf.



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42. What is the difference between 'flora' and 'fauna' ?



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43. What is meant by 'species' ? Give any five examples of species.



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44. What do you understand by 'endemic species' ? Name two plant species and two animal species which are endemic to Pachmarhi Biosphere Reserve area.



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45. Name two man - made causes of deforestation and two natural causes of deforestation.



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46. What is a Wildlife Sanctuary ? Name any two wildlife Sanctuaries in India. Where are these Sanctuaries located ?



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47. Name any two Bird Sanctuaries in India .

Where are these located ?



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48. What are the differences between a Biosphere Reserve and a Wildlife Sanctuary ?



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49. State the differences between a Wildlife Sanctuary and Zoo.



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50. What is a National Park ? Name any two National Parks of India. Where are these National Parks located ?



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51. What are the differences between a Wildlife Sanctuary and National Park depict ?



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52. What is 'Project Tiger' ? What was the objective of this project ?



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53. Why even protected forests are not completely safe for wild animals ?



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54. What is meant by extinct species ? Name any two extinct animals .



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55. What is meant by endangered species ?

Name any two endangered animals.



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56. Differentiate between 'endangered species'

and 'extinct species'.



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57. By taking the example of snakes, explained how by killing small animals, we are actually harming ourselves.



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58. What is Red Data Book ?



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59. State one advantage of maintaining Red Data Book .



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60. What do you understand by the term migration?



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61. What is meant by the migration of birds?

Why do birds migrate?



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62. What are migratory birds ? Name one migratory bird which comes to warmer regions of India every year.



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63. Why does Siberian crane come from Siberia to place like Bharatpur in India every year for a few months?



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64. What can be done to retain our 'green wealth' for the future generations ?



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65. What is meant by 'reforestation'? What are the advantages of reforestation?



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66. What are the aims of the 'Forest Conservation Act' in India ?



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67. Why should we save, reuse and recycle paper?



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68. Explain how, recycling of paper helps in the conservation of forests.



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69. With the help of a labelled diagram, describe the basic design of a Biosphere Reserve.



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70. What is meant by the term 'wildlife' ? Why should forests and wildlife be conserved ?



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71. What are the various measures which can be taken to conserve forests and wildlife ?



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72. What are the various purpose for which the forest trees are cut ?



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73. What is the effect of deforestation on wild animals ?



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74. How does deforestation cause soil erosion ?



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75. Explain how, deforestation leads to frequent flooding of rivers.



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76. Explain how deforestation leads to reduced rainfall.



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77. How does deforestation lead to global warming?



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78. What is a Biosphere Reserve ? Name any two Biosphere Reserves of India. Where are the Biosphere Reserves located ?



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79. The part of earth in which living organisms exist (or which supports life) is called :

A. lithosphere

B. globe

C. hydrosphere

D. biosphere

Answer: D



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80. Deforestation increases the level of one of the following in the atmosphere. This one is :

A. ozone

B. carbon oxide

C. oxygen

D. water vapour

Answer: B



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81. Which of the following is not a part of Pachmarhi Biosphere Reserve ?

- A. Bori Wildlife Sanctuary
- B. Satpura National park
- C. Bandipur National Park
- D. Pachmarhi Wildlife Sanctuary.

Answer: C



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82. The most rapidly dwindling natural resource in the world is :

A. water

B. soil

C. sunlight

D. forests

Answer: D



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83. Which of the following animal is no longer found in satpura National Park in Madhya Pradesh ?

A. wild buffalo

B. wild boar

C. marsh crocodile

D. wild dog

Answer: A



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84. Those species (of plants and animals) which are found exclusively in a particular area are called:

- A. epidemic species
- B. pelagic species
- C. pandemic species
- D. endemic species

Answer: D



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85. The migratory bird which comes from Siberia to India for a few months every year is :

A. Crow

B. koel

C. crane

D. kingfisher

Answer: C



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86. Sanjay Gandhi Wildlife Sanctuary is located
in :

A. Rajasthan

B. Manipur

C. Madhya Pradesh

D. Maharashtra

Answer: D



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87. Which of the following activities, if not checked in time, may ultimately lead to the rise in sea level causing the flooding of low - lying coastal areas ?

A. desalination

B. desertification

C. deforestation

D. desegregation

Answer: C



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88. Snakes are killed in large numbers because

:

A. they are very poisonous

B. they kill rats

C. their skin is expensive

D. they damage the crops

Answer: C



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89. The National Park which is located in Rajasthan is :

A. Corbett National Park

B. Kanha National Park

C. Satpura National Park

D. Sariska National Park.

Answer: D



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90. Which of the following wild animals is not listed in the Red Data Book of India ?

- A. Black buck
- B. flying squirrel
- C. tiger
- D. leopard

Answer: D



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91. The Siberian crane comes to India every year in winter for a few months :

A. to escape the severe summer

B. to escape the severe winter

C. to escape the heavy rains

D. to escape from predators.

Answer: B



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92. Which of the following wild animals is a friend of the farmer ?

A. deer

B. rat

C. snake

D. wild buffalo

Answer: C



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93. Which of the following is an extinct species of animals ?

A. tiger

B. desert cat

C. snow leopard

D. dodo

Answer: D



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94. Which of the following is not a consequence of deforestation ?

- A. increase in soil erosion
- B. increase in earth's temperature
- C. decrease in rainfall
- D. decrease in floods

Answer: D



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95. One of the following is not a part of the fauna of Pachmarhi Biosphere Reserve. This one is :

A. yak

B. leopard

C. blue bull

D. barking deer.

Answer: A



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96. The indiscriminate killing of which of the following animals can lead to loss in the production of food grains ?

A. birds

B. snakes

C. grasshoppers

D. rats

Answer: B



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97. Which of the following activities can help in the conservation of forests ?

A. recycling of cotton shirts

B. recycling of silk blankets

C. recycling of jute ropes

D. recycling of cardboard cartons.

Answer: D



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98. Which of the following is an endangered species of animals ?

A. Dinosaur

B. Asiatic Lion

C. Irish deer

D. Hyena

Answer: B



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99. Large scale deforestation leads to the decrease in the amount of gas A in the atmosphere whereas the amount of gas B increases . The increased amount of gas B in the atmosphere causes an effect C which leads to excessive heating of the earth and its atmosphere producing an undesirable phenomenon D. What are A, B, C and D ?



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100. A highly poisonous animal X which inhabits crop fields is commonly known as friend of the farmer. It eats up pests like Y and saves the crops from damage. The animal X is killed in large numbers to obtain its Z which sells in the market at a high price . What are X, Y and Z ?



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101. The species P and Q of wild animals are found exclusively in a 'particular area' . The species R of wild animals is listed in Red data book of India whereas species S of wild animals no longer exists anywhere on the earth.

a)What name is given to species like P and Q ?



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102. The species P and Q of wild animals are found exclusively in a 'particular area' . The species R of wild animals is listed in Red data book of India whereas species S of wild animals no longer exists anywhere on the earth.

b) What are the species like R known as ?



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103. The species P and Q of wild animals are found exclusively in a 'particular area' . The species R of wild animals is listed in Red data book of India whereas species S of wild animals no longer exists anywhere on the earth.

c) Name one species like R.



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104. The species P and Q of wild animals are found exclusively in a 'particular area' . The species R of wild animals is listed in Red data book of India whereas species S of wild animals no longer exists anywhere on the earth.

d) What is the special name of species like S ?



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105. The species P and Q of wild animals are found exclusively in a 'particular area' . The species R of wild animals is listed in Red data book of India whereas species S of wild animals no longer exists anywhere on the earth.

e) Name one species like S.



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106. Consider the following animal species :

Dodo , Yak, Deer, Black buck, Tiger , Crow,
Kashmir stag , Dinosaur , Elephant, Lion tailed
macaque, Peacock , snow leopard.

Which of these animals are :

a) Endemic to mountain habitats ?



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107. Consider the following animal species :

Dodo , Yak, Deer, Black buck, Tiger , Crow,

Kashmir stag , Dinosaur , Elephant, Lion tailed macaque, Peacock , snow leopard.

Which of these animals are :

b) endangered species ?



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108. Consider the following animal species :

Dodo , Yak, Deer, Black buck, Tiger , Crow,
Kashmir stag , Dinosaur , Elephant, Lion tailed
macaque, Peacock , snow leopard.

Which of these animals are :

c) Extinct species ?



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109. X is a human activity which will cause an increase in temperature of earth's atmosphere leading to global warming. It can cause soil erosion making the soil infertile and lead to desertification. It can cause decrease in rainfall but increase the flooding of rivers. It can also

affect water cycle and lead to the extinction of many wild species. What is X ?



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