



BIOLOGY

BOOKS - PREMIERS PUBLISHERS

ENVIRONMENTAL ISSUES

Textbook Questions Answers

1. Which of the following would most likely help to slow down the greenhouse effect?

- A. Converting tropical forests into grazing land for cattle.
- B. Ensuring that all excess paper packaging in buries to ashes.
- C. Redesigning landfill dumps to allow methane to be collected.
- D. Promoting the use of private rather than public transport.

Answer: C



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2. With respect to Eichhornia

Statement A: It drains off oxygen from water and is seen growing in standing water.

Statement B: It is an indigenous species of our country.

A. Statement A is correct and Statement B is wrong.

B. Both Statement A and B are correct.

C. Statement A is correct and Statement B

D. Both Statement A and B are wrong.

Answer: C



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3. Find the wrongly matched pair

A. Endemism- Species confined to a region

and not found anywhere else.

B. Hotsots -Western ghats

C. Ex-situ Conservation -Zoological parks

D. Sacred groves- Saintri hills of rajasthan

Answer: D



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4. Depletion of which gas in the atmosphere can lead to an increased incidence of skin cancer?

A. Ammonia

B. Methane

C. Nitrous oxide

D. Ozone

Answer: D



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5. One green house gas contributes 14% of total global warming and another contributes 6%. These are respectively identified as

A. N_2O and CO_2

B. *CFCs* and N_2O

C. CH_4 and CO_2

D. CH_4 and *CFCs*

Answer: C



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6. One of the chief reasons among the following for the depletion in the number of species making endangered is

A. over hunting and poaching

B. green house effect

C. competition and pedation

D. habitat destruction

Answer: A



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7. Deforestation means

- A. growing plants and trees in an area where there is no forest
- B. growing plants and trees in an area where the forest is removed
- C. growing plants and trees in a pond
- D. removal of plants and trees

Answer: D



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8. Deforestation does not lead to

A. quick nutrient cycling

B. soil erosion

C. alternation of local weather conditions

D. destruction of natural habitat weather conditions

Answer: A



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9. The unit for measuring ozone thickness

A. Joule

B. Kilos

C. Dobson

D. Watt

Answer: C



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10. People's movement for the protection of environment in Sirsi of Karnataka is

A. Chipko movement

B. Amirtha Devi Bishwas movement

C. Appiko movement

D. None of the above

Answer: C



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11. The plants which are grown in silivpasture system are

- A. Sesbania and Acacia
- B. Solenum and Crotalaria
- C. Clitoria and Begonia
- D. Teak and sandal

Answer: A



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12. What is ozone hole?



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13. Give four examples of plants cultivated in commercial agroforestry.

A. Casuarina

B. Eucalyptus

C. Teak

D. Kadambu

Answer:



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14. Expand CCS.



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15. How do forests help in maintaining the climate?



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16. How do sacred groves help in the conservation of biodiversity?



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17. Which one gas is most abundant out of the four commonest greenhouse gases? Discuss the effect of this gas on the growth of plants?



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18. Suggest a solution to water crisis and explain its advantages.



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19. Explain afforestation with case studies.



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20. What are the effects of deforestation and benefits of agroforestry?



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Other Important Questions Answers Mcqs

1. Choose the odd man out.

A. Sudhir kumar Sopary.

B. Jadav molai Payeng

C. Panduranga Hedge

D. Swaminathan

Answer: D



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2. Find out the odd one.

A. Western ghat

B. National park

C. Gulf of mannar

D. Agasthiar malai

Answer: C



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3. Indicate the odd one (Ex-situ conservation)

A. Pollen

B. Seed

C. Seedling

D. Leaf

Answer: D



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4. Choose the odd one:

A. Carbon-di-oxide₃

B. Ammonia

C. Methane

D. Nitrous oxide

Answer: B



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5. Find out the plant Indicator.

A. Water Lilly

B. Coconut

C. Acacia sp

D. Gladiolus

Answer: D



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6. Ozone depletion in the atmosphere results in:

- A. UV radiation
- B. CO_2 emission
- C. Nitrogen depletion
- D. Afforestation

Answer: A



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7. Which of the following is a hedge plant.

A. *Azadirachta indica*

B. *Acacia* spp

C. Teak

D. *Eucalyptus*

Answer: B



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8. Alien invasive species include.

A. Casuarina

B. Melia dubia

C. Prosopis juliflora

D. Bamboo

Answer: C



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9. Assertion: Majority of endemic species are threatened.

Reason: Because of their narrow specific

habitat, reduced seed production low dispersal rate, less viable nature and human interference.

A. Both Assertion and Reason are correct,

Reason is the correct explanation of Assertion.

B. Both Assertion and Reason are correct,

Reason is not correct explanation of Assertion.

C. Assertion is correct, Reason is not the correct.

D. Both Assertion and Reason are not correct.

Answer: A



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10. Assertion: Elchornia crassipes increases the oxygen content of water bodies.

Reason: Anoxic condition in water bodies leads to Eutrophication.

A. Both Assertion and Reason are correct, Reason is the correct explanation of Assertion.

B. Both Assertion and Reason are correct, Reason is not correct explanation of Assertion.

C. Assertion is correct, Reason is not the correct.

D. Both Assertion and Reason are not correct.

Answer:



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11. Assertion: In plants, photosynthetic chemicals will be affected due to ozone depletion.

Reason: Decreased photosynthesis will result

in increased atmospheric CO_2 , resulting in global warming.

A. Both Assertion and Reason are correct, Reason is the correct explanation of Assertion.

B. Both Assertion and Reason are correct, Reason is not correct explanation of Assertion.

C. Assertion is correct, Reason is not the correct.

D. Both Assertion and Reason are not correct.

Answer: B



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12. Assertion: Agroforestry, nutrient cycling between species improves and organic matter in the soil is maintained.

Reason: Because of the absence of

microorganisms, insects, and earthworm in the soil.

A. Both Assertion and Reason are correct, Reason is the correct explanation of Assertion.

B. Both Assertion and Reason are correct, Reason is not correct explanation of Assertion.

C. Assertion is correct, Reason is not the correct.

D. Both Assertion and Reason are not correct.

Answer: C



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13. Which of the following statement is correct?

A. Trees provide microclimate for crops.

B. They disturb $O_2 - CO_2$ balance.

C. Trees increase atmospheric CO_2 .

D. Trees cause decrease in relative humidity
in atmosphere.

Answer: A



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14. Choose the incorrect statement.

A. Ozone depletion increases the incidence
of cataract in human.

B. It also causes lung irritation.

C. Ozone depletion enhances the functioning of immune system.

D. It increases the incidence of mutation.

Answer: C



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15. Find out the correct statement.

- A. *Prosopis juliflora* is a native species found in Tamil Nadu.
- B. It is an aggressive coloniser.
- C. It is an invasive species native of South Africa.
- D. None of the above

Answer: B



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16. Indicate the Incorrect statement.

A. Hardwickia binata is an endemic tree.

B. It is endemic to peninsular and northern
India.

C. It is endemic to Kerala and Tamil Nadu.

D. None of the above

Answer: C



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Other Important Questions Answers Answer The Following

1. What is greenhouse effect ? Explain.



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2. Define global warming.



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3. Mention any two natural sources of methane in the atmosphere.



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4. Write the expansion of CDM.



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5. Mention any two plants which can indicate SO_2 pollution.



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6. Define social forestry.



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7. Mention any two causes of Deforestation.



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8. Define Alien species.



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9. Name any two invasive plant species in India.



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10. Define endemic species.



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11. What is carbon sequestration?



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12. What is Biochar?



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13. EIA stands for.....



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14. Define remote sensing.



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15. What is meant by biomonitoring in ecological point of view.



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16. Invasion of alien species disrupts ecosystem processes. Justify.



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17. Mention any three achievements of Afforestation project.



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18. Distinguish between Agroforestry and social forestry.



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19. What are the major activities carried out by forestry extension centres?



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20. Write the effects of global warming.



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21. Mention any three causes of greenhouse gas emission.





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22. What are the objectives of Afforestation programme?



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23. What are Plant Indicators?



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24. Distinguish between in-situ and ex-situ conservation.



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25. What is meant by biodiversity impact assessment? How biodiversity impacts is assessed?



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26. What is the importance of GIS?



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