



# BIOLOGY

## BOOKS - SARAS PUBLICATION

### Environmental Issues

#### Example

1. What is ozone hole?



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2. Define afforestation.



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3. Define deforestation>



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4. What is greenhouse effect ? Explain.



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5. Discuss briefly the following:

Greenhouse gases



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6. Write a short note on global warming .



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7. What is an Ozone Shield?



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**8. What is called bad ozone ?**



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**9. What is called good ozone?**



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**10. What is ozone?**



**Watch Video Solution**

**11. Define Dobson unit.**



**Watch Video Solution**

**12. What is meant by biological indicators ?**

Give example .



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**13. What is an Agroforestry?**



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**14.** Define Silvopasture system.



[Watch Video Solution](#)

**15.** What is a invasive species? Explain with an example.



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**16.** What is *Eichhornia crassipes*?



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**17.** What is Chipko movement?



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**18.** Define in-situ conservation.



**Watch Video Solution**

**19.** What are sacred groves? What is their role in conservation?



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**20.** What is Ex-situ conservation?



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**21.** What is an endemic species? Give example.



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**22. What is CCS?**



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**23. What is carbon sequestration?**



**Watch Video Solution**

**24. Write a note on carbon foot print.**



**Watch Video Solution**

**25.** What is 'Carbon sink'?



**Watch Video Solution**

**26.** Define biochar.



**Watch Video Solution**

**27.** What is rainwater harvesting? Explain in a few sentences how is it useful in in houses.



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**28.** What is meant by EIA?



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**29.** What is meant by biomonitoring in ecological point of view.



**Watch Video Solution**

**30.** What is meant by an agriculture drone?



**Watch Video Solution**

**31.** What is meant by EIA?



**Watch Video Solution**

**32.** What is GIS and write its expansion?



**Watch Video Solution**

**33.** Define GPS.



**Watch Video Solution**

**34.** What is Remote sensing and write their specific uses?



**Watch Video Solution**

**35.** What is meant by biodiversity impact assessment? How biodiversity impacts is

assessed?



**Watch Video Solution**

**36.** What is Remote sensing and write their specific uses?



**Watch Video Solution**

**37.** Cause of eutrophication is



**Watch Video Solution**

**38.** Write a short note on global warming .



**Watch Video Solution**

**39.** Define smog.



**Watch Video Solution**

**40.** What are agrochemicals?



**Watch Video Solution**

**41.** Give definitions for organic farming.



**Watch Video Solution**

**42.** What is dioxin?



**Watch Video Solution**

**43.** Define solid waste management?



**Watch Video Solution**



**44.** What is radioactive waste? How can it be managed.



**Watch Video Solution**

**45.** Define 'EcoSan'.



**Watch Video Solution**

**46.** What is Phytoremediation?



**Watch Video Solution**

**47.** What is colony collapse syndrome?



**Watch Video Solution**

**48.** Define natural vegetative reproduction.



**Watch Video Solution**

**49.** What is Bioremediation ?



**Watch Video Solution**

**50.** What is sameer?



**Watch Video Solution**

**51.** What is BOD?



**Watch Video Solution**

**52.** Give an example of plants, cultivated in commercial agroforestry.



**Watch Video Solution**

**53.** Expand CCS.



**Watch Video Solution**

**54.** How do forests help in maintaining the climate?



**Watch Video Solution**

**55.** What is ozone hole?



**Watch Video Solution**

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



**Watch Video Solution**

**57.** 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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**58.** Suggest a solution to water crisis and explain its advantages.



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**59.** Explain afforestation with case studies.



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**60.** What are the consequences of deforestation?

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**61.** What are the benefits of agroforestry?

 [Watch Video Solution](#)

**62.** What is greenhouse effect ? Explain.

 [Watch Video Solution](#)

**63.** Define greenhouse gases.



**Watch Video Solution**

**64.** List the greenhouse gases.



**Watch Video Solution**

**65.** What are the effects of increased greenhouse gases?





**Watch Video Solution**

**66.** List the human activities that produce green house effect.



**Watch Video Solution**

**67.** Write a short note on global warming .



**Watch Video Solution**

**68.** Which is considered as the major cause of global warming? Why?



**Watch Video Solution**

**69.** Clouds, dusts and humid nights are warmer than clear dust free dry nights. Discuss the global warming.



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**70. What is an Ozone Shield?**



**Watch Video Solution**

**71. What is the function of the ozone shield?**



**Watch Video Solution**

**72. What is called bad ozone ?**



**Watch Video Solution**

**73.** What is called good ozone?



**Watch Video Solution**

**74.** Define ozone.



**Watch Video Solution**

**75.** Define Dobson unit.



**Watch Video Solution**

**76.** What is the thickness of the ozone layer over the Earth surface?



**Watch Video Solution**

**77.** What does the false colour view of total ozone indicate?



**Watch Video Solution**

**78.** What are the effects of UV B radiations?



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**79.** Which type of radiation is completely filtered by the atmosphere?



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**80.** Which type of UV radiation is the most abundant in sunlight? What are the effects of this radiation?



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**81.** Define biological indicators. Give the other names.



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**82.** What is an Agroforestry?



**Watch Video Solution**

**83.** Define Silvopasture system.





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**84.** How is silvopasture system classified?



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**85.** Define social forestry.



[Watch Video Solution](#)

**86.** What are the goals of social forestry?







[Watch Video Solution](#)

**87.** What reduces the pressure on forests?



[Watch Video Solution](#)

**88.** Define deforestation.



[Watch Video Solution](#)

**89.** What are the consequences of deforestation?



**Watch Video Solution**

**90.** Define afforestation.



**Watch Video Solution**

**91.** What is invasive species?



**Watch Video Solution**

**92.** What is Eichhornia crassipes?



**Watch Video Solution**

**93.** What is Chipko movement?



**Watch Video Solution**

**94.** Where and by whom was Appiko movement started?



**Watch Video Solution**

**95.** Define in-situ conservation.



**Watch Video Solution**

**96.** Where are ecologically unique and biodiversity rich regions legally protected?



**Watch Video Solution**

**97.** What are sacred groves ?



**Watch Video Solution**

**98.** What is Ex-situ conservation?



**Watch Video Solution**

**99.** Define endemic species.



**Watch Video Solution**

**100.** What are the reasons for some species to be endemic?



**Watch Video Solution**

**101.** How many megacentres of endemism and microendemic centres are found in India?



**Watch Video Solution**

**102.** Name the major phytogeographical regions of India, where endemic flora of India are found.



**Watch Video Solution**

**103.** Give two good examples for endemic plants.



**Watch Video Solution**

**104.** Name the families to which most of the endemic plant species belong to.



**Watch Video Solution**

**105.** Why are majority of endemic species threatenend?



**Watch Video Solution**

**106.** What is CCS?





[Watch Video Solution](#)

**107.** Why is carbon capture and storage practised?



[Watch Video Solution](#)

**108.** What is the other name for CCS? Name some storage sites.



[Watch Video Solution](#)

**109.** What is carbon sequestration?



**Watch Video Solution**

**110.** Write a note on carbon foot print.



**Watch Video Solution**

**111.** How is carbon foot print expressed?



**Watch Video Solution**

**112.** Explain the term Carbon sink.



**Watch Video Solution**

**113.** Give the types of carbon sinks with examples.



**Watch Video Solution**

**114.** Define biochar.



**Watch Video Solution**

**115.** Define rainwater harvesting.



**Watch Video Solution**

**116.** What is meant by EIA?



**Watch Video Solution**

**117.** Write the benefits of EIA to society.



**Watch Video Solution**

**118.** What is meant by biomonitoring in ecological point of view.



**Watch Video Solution**

**119.** What is meant by an agriculture drone?



**Watch Video Solution**

**120.** What is meant by BIA? Define it.





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**121.** What is meant by GIS? Define it.



[Watch Video Solution](#)

**122.** Define GPS.



[Watch Video Solution](#)

**123.** List the areas where GPS is currently under use.



**Watch Video Solution**

**124.** Define remote sensing.



**Watch Video Solution**

**125.** Give the year of launch and applications of SCATSAT-I satellite.



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**126.** Name the 100th satellite. Give its year of launch and its applications.



[Watch Video Solution](#)

**127.** Give the applications of INSAT 3DR and GSAT-6A satellites.



[Watch Video Solution](#)



**128.** What are the reasons for the presence of diverse life forms in India?



**Watch Video Solution**

**129.** What rewards are given to CDM projects, when they meet kyoto targets?



**Watch Video Solution**

**130.** What are the effects of population explosion?



**Watch Video Solution**

**131.** Write the effects of global warming.



**Watch Video Solution**

**132.** Write the source of emission of the most abundant greenhouse gas?



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**133.** Give the sources of emission of the green house gas that is 20 times as efficient as  $CO_2$  in trapping heat.



[Watch Video Solution](#)

**134.** A green house gas naturally produced in oceans \_\_\_\_\_.



[Watch Video Solution](#)

**135.** List some of the strategies to deal with global warming.



**Watch Video Solution**

**136.** List the plants that are used as biological indicators. Mention what they indicate for?



**Watch Video Solution**

**137.** What is the system that produces woody plants with pasture? Give its classification.



**Watch Video Solution**

**138.** Write about the steps taken to encourage tree cultivation outside forests in Tamil Nadu.



**Watch Video Solution**

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



**Watch Video Solution**

**140.** Write the achievements of afforestation.



**Watch Video Solution**

**141.** Write in short about the movement which was based on the inspiration of Chipko

movement?



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**142.** Write about the endemic plant species in India.



[Watch Video Solution](#)

**143.** Write about the protocol signed at the Vienna conference.



[Watch Video Solution](#)

**144.** What is CDM? Explain.



**Watch Video Solution**

**145.** Method of conservation where species are protected outside their natural environment

-----.



**Watch Video Solution**



**146.** Mention some practices to reduce carbon foot print.



**Watch Video Solution**

**147.** Who is known as the 'forest man of India'?  
Write about the honours provided for his service.



**Watch Video Solution**

**148.** Does ozone depletion bring about any serious issues. If yes, list them.



**Watch Video Solution**

**149.** Which invasive weed is a major cause of biodiversity loss worldwide? What impact does this bring about to the ecosystem?



**Watch Video Solution**

**150.** Write about the non-native species introduced in India to counter desertification and as a source of firewood? What are its benefits and impacts.



**Watch Video Solution**

**151.** Write in brief about the conservation movement started in Chamoli district.



**Watch Video Solution**

**152.** Name a technology adopted to mitigate global warming.

Write about it is brief.



**Watch Video Solution**

**153.** Which is the long term method to store carbon in plants? Write briefly about it. What are the benefits?



**Watch Video Solution**

**154.** What are the objectives of Afforestation programme?



**Watch Video Solution**

**155.** What is meant by invasive species? Explain its impact on the ecosystem.



**Watch Video Solution**

**156.** Write the importance of lakes.



**Watch Video Solution**

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



**Watch Video Solution**

**158.** Write in detail about Remote sensing and its uses.



**Watch Video Solution**

## Exercise

1. The 'thickness' of Stratospheric Ozone layer is measured in/on:

- A. Sieverts units
- B. Dabson units
- C. Melson units
- D. Beaufort scale

**Answer:**



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2. The use of microorganism metabolism to remove pollutants such as oil spills in the water bodies is known as

A. Biomagnification

B. Bioremediation

C. Biomethanation

D. Bioreduction

**Answer:**



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3. In the E-waste generated by the Mobile Phones, which among the following metal is most abundant?

A. Copper

B. Silver

C. Palladium

D. Gold

**Answer:**



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4. What is the App that is introduced to find out Air Quality Index(AQI)?

A. Facebook

B. Twitter

C. Google

D. Sameer

**Answer:**



Watch Video Solution

5. Who is honoure as Forest man of India?

A. Amrita Devi

B. Abhey Singh

C. Jadav Payeng

D. Sunderlal Bahuguna

**Answer:**



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6. What effect can fertilizer run off have on aquatic system?



**Watch Video Solution**

7. Why ozone hole forms over Antarctica ? How will enhanced ultraviolet radiation affect us ?



**Watch Video Solution**

8. How does recycling helps to reduce pollution?



**Watch Video Solution**

**9.** What would Earth be like without the greenhouse effect?



**Watch Video Solution**

**10.** What is the principle applied in EcoSan?



**Watch Video Solution**

**11.** What are the "physical methods" of wastewater treatment?



**Watch Video Solution**

**12.** List all the wastes that you generate, at home, school or during your trips to other places. Could you very easily reduce the generation of these wastes? Which would be difficult or rather impossible to reduce?



**Watch Video Solution**

**13.** List all the wastes that you generate, at home, school or during your trips to other places. Could you very easily reduce the generation of these wastes? Which would be difficult or rather impossible to reduce?



**Watch Video Solution**

**14.** List all the wastes that you generate, at home, school or during your trips to other places. Could you very easily reduce the

generation of these wastes? Which would be difficult or rather impossible to reduce?



[Watch Video Solution](#)

**15.** What are some solutions to toxic dumping in our oceans?



[Watch Video Solution](#)

**16.** Describe how deforestation might contribute to global warming.





**Watch Video Solution**

**17.** Is it safe to use mosquito repellants? Why?



**Watch Video Solution**

**18.** Explain the effect of oil spills on organisms.



**Watch Video Solution**

**19.** Discuss the causes and effects of global warming. What measures need to be taken to control global warming?



**Watch Video Solution**

**20.** Discuss the role of women in protection and conservation of forests.



**Watch Video Solution**

**21.** What are agrochemicals?



**Watch Video Solution**

**22.** List the negative impact of agrochemicals.



**Watch Video Solution**

**23.** Find the wrongly matched pair.

- A. Endemism- Species confined to a region  
an not found anywhere else
- B. Hotspots-Western Ghats
- C. Ex-situ conservation-Zoological
- D. sacred groves- Saintri hills of Rajsthan

**Answer:**



**Watch Video Solution**

**24.** Deforestation does not lead to

A. Quick nutrient cycling

B. Soil erosion

C. Alteration of local weather conditions

D. Destruction of natural habitat, weather conditions.

**Answer:**



**Watch Video Solution**

25. The plants which are grown in silvopasture system are

- A. Sesbanian and Acacia
- B. Solanum and Crotalaria
- C. Clitoria and Beonia
- D. Teak and Sandal

**Answer:**



**Watch Video Solution**

26. Gladiolus serves as an indicator for

A.  $SO_2$  pollution

B. Nitrate pollution

C. Heavy metal contamination

D. Fluoride pollution

**Answer:**



**Watch Video Solution**

27. Which is not an effect of global warming on plants?

A. Increase of vectors and epidemics

B. Increased resistance to infection

C. Species extinction

D. Water crisis and decreased irrigation.

**Answer:**



**Watch Video Solution**



**28.** Give an example of plants, cultivated in commercial agroforestry.



**Watch Video Solution**

**29.** How do forests help in maintaining the climate?



**Watch Video Solution**

**30.** What is ozone hole?



**Watch Video Solution**

**31. Define Dobson unit .**



**Watch Video Solution**

**32. Will importing fruit like Kiwi increas CFP?**

**Give reason.**



**Watch Video Solution**

**33.** Give the year of launch and applications of SCATSAT-I satellite.



**Watch Video Solution**

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



**Watch Video Solution**

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



**Watch Video Solution**

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



**Watch Video Solution**

**37.** Give an example of plants, cultivated in commercial agroforestry.



**Watch Video Solution**

**38.** Expand CCS.



**Watch Video Solution**

**39.** Write a short note on Chipko Movement.



**Watch Video Solution**

**40.** Write about the endemic plant species in India.



**Watch Video Solution**

**41.** Suggest a solution to water crisis and explain its advantages.



**Watch Video Solution**

**42.** Name a technology adopted to mitigate global warming.

Write about it is brief.



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**43.** 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 is buried to ashes.
- C. Redesigning landfill dumps to allow methane to be collected.
- D. Promoting the use of private rather than public transport.

**Answer:**



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**44.** 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 is wrong.

D. Both statement A and B are wrong.

**Answer:**



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**45.** Find the wrongly matched pair.

(a) Endemism - Species confined to a region and not found anywhere else.

(b) Hotspots - Western ghats

(c) Ex-situ Conservation - Zoological parks

(d) Sacred groves - Saintri hills of Rajasthan

(e) Alien sp. of India - Water hyacinth

A. Endemism-Species confined to a region and not found anywhere else.

B. Hotspots-Western Ghats

C. Ex-situ Conservation-Zoological parks

D. Sacred groves-Saintri hills of Rajasthan

**Answer:**



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**46.** 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:**



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47. 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:**



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**48.** 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 predation

D. Habitat destruction

**Answer:**



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**49.** 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:**



**Watch Video Solution**

50. 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:**



**Watch Video Solution**



51. The unit for measuring ozone thickness

A. Joule

B. Kilos

C. Dobson

D. Watt

**Answer:**



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

- A. Chipko movement
- B. Amrita Devi Bishnoi movement
- C. Appiko movement
- D. None of the above

**Answer:**



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53. The plants which are grown in silivpasture system are

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

**Answer:**



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54. Which of these is not a green house gas

A. Nitrous oxide

B. CFC

C. Sulphur dioxide

D. Methane

**Answer:**



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55. Green house gases emitted by burning fossil

A.  $CO_2$  and methane

B.  $NO_2$  and methane

C.  $SO_2$  and  $CO_2$

D.  $SO_2$  and CO

**Answer:**



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56. Green house gas emitted from refrigerators and air conditioners is

A. Methane

B.  $CO_2$

C.  $N_2O$

D. Chlorofluorocarbon

**Answer:**



**Watch Video Solution**

57. Green house effect is not produced by:

- A. Emissions from automobiles
- B. Clouds and dust particles
- C. Afforestation practices
- D. Use of electrical gadgets

**Answer:**



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58. ....is the abundant green house gas?

A.  $CO_2$

B.  $CH_4$

C.  $NO_2$

D. CFC

**Answer:**



**Watch Video Solution**



59. Which gas is effective as  $CO_2$  in trapping heat in the atmosphere?

A.  $SO_2$

B.  $CH_4$

C. CO

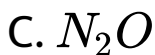
D.  $NH_3$

**Answer:**



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60. Which green house gas is naturally produced in oceans from biological sources of soil and water?



**Answer:**



**Watch Video Solution**

61. Which is not an effect of global warming on plants?

- A. Increase of vectors and epidemics
- B. Increased resistance to infection
- C. species extinction
- D. Water crisis and decreased irrigation

**Answer:**



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62. Which is called bad ozone?

- A. Ozone layer of the stratosphere
- B. Ozone layer of the troposphere
- C. Ozone layer of the mesosphere
- D. Ozone layer of the exosphere

**Answer:**



**Watch Video Solution**

**63.** Which is called good ozone?

A. Ozone layer of the stratosphere

B. Ozone layer of the troposphere

C. Ozone layer of the mesosphere

D. Ozone layer of the exosphere

**Answer:**



**Watch Video Solution**

**64.** What is the thickness of the ozone layer over the Earth surface?

A. 30 DU

B. 100 DU

C. 300 DU

D. 200 DU

**Answer:**



**Watch Video Solution**

65. Which day is observed as world ozone day?

A. *September*16

B. *March*16

C. *December*16

D. *Jy*16

**Answer:**



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**66.** Which is the most damaging type of UV radiation?

A. UV-B

B. UV-C

C. UV-A

D. UV-D

**Answer:**



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67. Which international treaty was signed in 1987 to gradually eliminate production and consumption of ozone depleting substances?

A. Montreal protocol

B. Kyoto protocol

C. CDM project

D. Vienna convention

**Answer:**



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68. Plants like lichens, Ficus, Pinus and rose are indicators of.....pollution.

A.  $CO_2$

B.  $SO_2$

C.  $CH_4$

D.  $N_2O$

**Answer:**



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**69.** Which plant serves as an indicator of nitrate pollution?

A. Ficus

B. Petunia

C. Gladiolus

D. Robinia pseudoacacia

**Answer:**



**Watch Video Solution**

70. Which plant serves as an indicator of  $SO_2$  pollution?

A. Ficus

B. Lichen

C. Gladiolus

D. Robinia pseudoacacia

**Answer:**



**Watch Video Solution**

71. Gladiolus serves as an indicator for

- A.  $SO_2$  pollution
- B. Nitrate pollution
- C. Heavy metal contamination
- D. Fluoride pollution

**Answer:**



**Watch Video Solution**

72. Which plant is an indicator of heavy metal contamination?

A. Lichens

B. Chrysanthemum

C. Robinia pseudoacacia

D. Gladiolus

**Answer:**



**Watch Video Solution**

73. ....is not the effect of decreased photosynthesis

A. Flood

B. Increased atmospheric  $CO_2$

C. Global warming

D. Shortage of food

**Answer:**



**Watch Video Solution**

74. Agroforestry mean

A. Integration of trees, crops and livestock  
on the same plot of land

B. Rehavilitation of degraded forests

C. Cutting down trees

D. Alteration of forest ecosystem for  
dwellers in rural area.

**Answer:**



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75. Name the person who single handedly created dense forest

A. Sudhir Kumar Sopory

B. Sunderlal Bahuguna

C. Jadav Payeng

D. Pandurang Hegde

**Answer:**



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76. According to world conservation union, which is the second significant threat to biodiversity?

- A. Habitat loss
- B. Alien invasive species
- C. Deforestation
- D. Afforestation

**Answer:**



**Watch Video Solution**

77. Which movement was started in Himalayas as a protest against exploitation of forest?

- A. Chipko movement
- B. Appiko movement
- C. Silent valley movement
- D. Bishnoi movement

**Answer:**



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78. Which is not a biosphere reserve of Tamil Nadu?

- A. Megamalai
- B. Agasthyamalai
- C. Gulf of Mannar
- D. Kolli hills

**Answer:**



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79. Which is an endemic plant?

A. *Nepenthes khasiyana*

B. *Avena sativa*

C. *Brassica oleracea*

D. *Secale cereale*

**Answer:**



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80. Which microalgae is used globally for  $CO_2$  sequestration?

- A. Spirulina
- B. Chroococcus
- C. Dunaliella
- D. Aphanizomenon

**Answer:**



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**81.** Which does not have the ability to mitigate  $CO_2$ ?

- A. Mangroves
- B. Macroalgae
- C. Marine grasses
- D. Orchids

**Answer:**



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**82.** Which practice do not reduce the carbon foot print?

A. Buying fast and preserved packed foods.

B. Planting a garden

C. Reduced use of electronic devices

D. Eating indigenous fruits and products

**Answer:**



**Watch Video Solution**



83. Biochar is a long term storage of.....

A. CFC

B. Bromine

C. Carbon

D.  $CH_4$

**Answer:**



**Watch Video Solution**

**84.** Which is not a use of geographic information system?

A. Predicting favourable climate

B. Environmental impact assessment

C. Soil mapping

D. Mapping of threatened and endemic species

**Answer:**



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**85.** What is the application of the satellite INSAT 3DR?

- A. Weather forecasting
- B. Disaster management
- C. Communication
- D. Cyclone prediction

**Answer:**



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86. Which type of UV radiation causes skin aging?

A. UV A radiation

B. UV B radiation

C. UV C radiation

D. UV D radiation

**Answer:**



**Watch Video Solution**

**87.** Name the type of UV radiation that causes tanning and burning of skin?

A. UV A radiation

B. UV B radiation

C. UV C radiation

D. UV D radiation

**Answer:**



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**88.** Agroforestry is recommended.....

A. To produce fodder for livestock

B. To improve soil

C. for alternate land use pattern

D. for extension of forests

**Answer:**



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**89.** Nutrient cycling between species is achieved through.....

A. Social forestry

B. Silvopasture

C. Agroforestry

D. Afforestation

**Answer:**



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90. What is the main purpose of protein banks?

- A. Protect land from stray animals
- B. To bring about restoration
- C. For fodder production
- D. To improve soil

**Answer:**



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91. Which tree is not identified as commercial timber?

A. Eucalyptus

B. Acacia

C. Kadambu

D. Casuarina

**Answer:**



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92. Decreased photosynthesis leads to

- A. Increased atmospheric  $CO_2$
- B. Decreased atmospheric  $CO_2$
- C. Increased rainfall pattern
- D. Decreased soil erosion

**Answer:**



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**93.** Identify the wrong statement with respect to *Prosopis juliflora*.

A. It is an aggressive coloniser

B. It is used to arrest wind erosion

C. Its invasion increased native medicinal herbaceous species

D. It stabilizes sand dunes on desert areas

**Answer:**



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94. Match the following:

a. *Prosopis juliflora* - i. Protein bank

b. *Robinia*

*pseudoacacia* - ii. Endemic plant

c. *Acacia nilotica* - iii. Plant indicator

d. *Hardwickia binata* - iv. Invasive species

A. a-i, b-iv, c-iii, d-i

B. a-iv, b-iii, c-i, d-ii

C. a-iii, b-i, c-iv, d-i

D. a-i, b-iii, c-ii, d-iv

**Answer:**



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**95.** Identify the sacred grove found in Tamil Nadu?

- A. External inputs such as emissions, effluents and chemicals
- B. fragmentation and isolation
- C. Change in land use and cover

## D. Changes in farm land

**Answer:**



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**96.** Which group considers cloning as a threat to biodiversity? Why?

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 is wrong.

D. Both statement A and B are wrong.

**Answer:**



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**97.** With respect to Green House effect.

Statement A: Clouds, dusts and humid nights are warmer than clear dust free day nights.

Statement B: Clouds and dust particles produce green house effect.

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 is wrong.

D. Both statement A and B are wrong.

**Answer:**



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**98.** With respect to endemic species

Statement A: They are widely distributed in many geographical regions.

Statement B: They are threatened due to low dispersal rate.

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 is wrong.

D. Both statement A and B are wrong.

**Answer:**



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**99.** With regards to carbon sequestration.

Statement A: It increases the amount of  $CO_2$  in the atmosphere.

Statement B: It is accomplished through deforestation

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 is wrong.

D. Both statement A and B are wrong.

**Answer:**



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**100.** With regards to carbon sink.

Statement A: It is a system that accumulates more atmospheric carbon during a given time interval.

Statement B: Landfills are considered as artificial sinks.

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 is wrong.

D. Both statement A and B are wrong.

**Answer:**



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**101.** With regards to Biochar.

Statement A: It is a stable solid rich in carbon.

Statement B: It endures in soil for few years.

- 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 is wrong.
- D. Both statement A and B are wrong.

**Answer:**



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**102.** With regards to carbon footprint.

Statement A: Eating indigenous fruits and products do not reduce carbon footprint.

Statement B: Carbon footprint can be measured for an individual.

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 is wrong.

D. Both statement A and B are wrong.

**Answer:**



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**103.** Which is not a benefit of rain water harvesting?



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