



BIOLOGY

BOOKS - ARIHANT PRAKASHAN

ENVIRONMENTAL ISSUES

Topic 1 Practice Questions 1 Mark

1. Correct the statements of each bit, if necessary, by changing the underlined words only:

Excessive nourishment that causes algal bloom is known as biomagnification.



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2. Which gas leaked from Union Carbide's Pesticide Plant in December 1984 is responsible for Bhopal Gas Tragedy?

- A. Methyl salicylate
- B. Methyl isocyanate
- C. Ammonia

D. Hydrogen sulphide

Answer: B



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3. Minamata disease is caused by the consumption of fish contaminate with

A. lead

B. copper

C. zinc

D. mercury

Answer: D



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4. The toxic metal that is used as an antiknocking agent in petrol engines of automobiles is

A. chelated copper

B. tetraethyl lead

C. iron sulphide

D. lead chloride

Answer: B



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5. The Bharat Emission Norms came into force

from

A. 1998

B. 2000

C. 2008

D. 2010

Answer: B



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6. Bone and tooth decay disease is caused by drinking water contaminated with

A. fluoride

B. borate

C. silicate

D. aluminium

Answer: A



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7. Environment protection act was enacted in :



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8. Removal of toxic substances from water by using living organisms.



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9. Toxic compound formed by the reaction of carbon monoxide with haemoglobin in blood.



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10. Enrichment of water bodies with excess amount of nutrients as a result of runoff from surrounding land leading to overgrowth of plants and algae.



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11. A kind of air pollutant named for the mixture of smoke and fog in the air.



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12. Fifth June of each year is usually observed as World Food safety Day.



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13. The process of nutrient enrichment in water bodies is called as biomagnification.



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14. Particulate matter formed by the combination of gas and water vapour is called as smog.



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Topic 1 Practice Questions 2 Mark

1. Write notes: Biomagnification



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2. What are the sources of radioactive pollution ?



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3. What is BOD ?



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4. Write short note on algal bloom.



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5. Write short notes on Eutrophication



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6. Elucidate the harmful effects of radioactive waste.



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7. Write a short note on water pollution.





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8. State the function of catalytic converter in automobile. Name any two metals used in these converters.



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9. What are causes of air pollution ?



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10. Write notes on : Acid rain



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11. Write three valid points on aerosol ?



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12. How biomagnification affects the top carnivores ?



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Topic 1 Practice Questions 3 Mark

1. Differentiate between :Renewable and non-renewable resources.



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2. Differentiate between primary and secondary pollutants.



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Topic 1 Practice Questions 7 Mark

1. Answer within 200 words : Give an account of secondary air pollutants .



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2. How can the industrial and vehicular emissions be controlled? Describe.



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3. Write about the different classes of solid wastes.



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Topic Test 1

1. Solid waste disposal in low lying land area and then covering it with soil sediment is known as



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2. are emitted from air conditioners and refrigerators.



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3. The hazy brown vapour that is formed in the atmosphere of polluted cities is



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4. Define incineration.





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5. What is e-waste ?



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6. Write notes on : Radioactive waste



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7. Write a note on municipal solid wastes.



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8. How do algal blooms affect the aquatic life ?



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9. Mention various methods of solid waste disposal.



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10. Discuss the two categories of water pollutants.



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Topic 2 Practice Questions 1 Mark

1. Fill in the blanks: The most common and abundant greenhouse gas is _____

A. methane

B. CFC

C. carbon dioxide

D. nitrous oxide

Answer: C



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2. The square dykes that conserve rainwater are known as

A. dams

B. Chaukas

C. wells

D. canals

Answer: B



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3. Women empowerment in Tehri-Garhwal by Sundarlal Bahuguna for the conservation of forests is popularly known as

- A. Agro forestry
- B. Shifting cultivation
- C. Chipko movement
- D. None of these

Answer: C



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4. Which type of UV- rays is more dangerous ?



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5. In which year was Montreal Protocol signed?



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6. Above which region of earth is ozone hole located?



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7. The common refrigerant that is responsible for the depletion of stratospheric ozone is



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8. Depletion of ozone layer is speeded up by the atom present in CFC.



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9. In 1980s, the government of India introduced a concept known as



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10. Chipko Movement was organised for the protection of water bodies



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Topic 2 Practice Questions 2 Mark

1. What is "Ozone Shield" ?



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2. Write short note on

Green house effect



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3. Write a short note on greenhouse gases.



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4. What are the harmful effects of UV -rays ?



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5. Write an account on Montreal Protocol.



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6. What do you know about Chipko Movement?



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7. Write a short note on joint forest management.



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8. How does Jhum cultivation promote deforestation?



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9. What is the common household source of CFC_s ? How these gases affect the ozone layer?



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Topic 2 Practice Questions 3 Mark

1. Differentiate between deforestation and desertification.



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2. Deforestation and Reforestation.



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Topic 2 Practice Questions 7 Mark

1. What are greenhouse gases effects on the environment.



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2. What could be the consequences of global warming ?



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Topic Test 2

1. In near future skin related problems will be more common due to

A. water pollution

B. ozone layer depletion

C. use of detergents

D. air pollution

Answer: B



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2. Define desertification.



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3. Define reforestation.



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4. In which layer of atmosphere ozone layer is found ?



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5. Write short note on Earth Summit.



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6. What do you mean by global warming ?



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7. Discuss causes and effect of global warming.



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8. Why is Jhum cultivation considered as major cause of environment degradation of North - East India ?



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9. What do you understand by deforestation ?
Mention its causes and how does it affect environment.



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10. Explain two ways of improper resource utilisation that can cause degradation of natural resources.





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Chapter Test

1. Name the unit to measure ozone layer.



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2. Expand BOD :



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3. Name any four greenhouse gases.



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4. Most hazardous metal pollutant of automobile exhausts is :

A. arsenic

B. cadmium

C. manganese

D. lead

Answer: D



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5. Photochemical smog pollution does not contain :

A. PAN

B. O_3

C. NO_2

D. CO_2

Answer: D



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6. The primary cause of acid rain around the world is

A. CO_2

B. SO_2

C. CFC

D. CO

Answer: B



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7. The enrichment of the bottom soil of water bodies due to excess runoff nitrogen and phosphorous is known as



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8. are the major compounds responsible for ozone reduction.



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9. Acid rain is the phenomenon responsible for heating of the earth's surface.



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10. All the buses of Delhi were converted to run on LPG.



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11. Correlate BOD with water pollution.



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12. Write a short note on pollutants.



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13. What is acid rain and how does it occur ?



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14. What is activated sludge ?



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15. Photochemical smog.



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16. Write a short note on Kyoto Protocol.

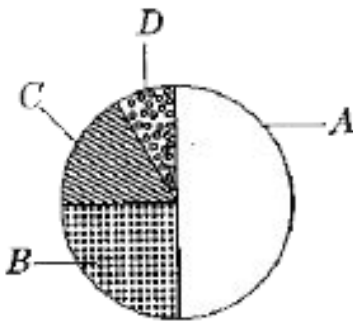


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17. What measures an individual should take to reduce environmental pollution ?

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18. The figure given below shows the relative contribution of four green house gases to global warming .



(i) Identify the gases A and C.

(ii) Why are these four gases called the greenhouse gases ?



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19. Write a note on municipal solid wastes.



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20. Differentiate between solid wastes and radioactive wastes.



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21. What do you understand by pollution?

Discuss briefly the different types of pollution.



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22. Discuss the causes and effects of global

warming. What measures need to be taken to

control global warming ?



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23. Define the term water pollution. Give the major sources for its cause. Also, give any two common measures to control the same.



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24. What is ozone shield ? Discuss briefly the phenomenon of ozone degradation and its impacts on human beings, flora and fauna.



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