



BIOLOGY

BOOKS - KUMAR PRAKASHAN KENDRA

BIOLOGY (GUJRATI ENGLISH)

ENVIRONMENTAL ISSUES

**Section A Exam Oriented Questions Answer From
Darpan**

1. The air pollution is caused by burning of fossil fuels.



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2. Explain pollution caused by automobiles and how use of catalytic converter in them reduces the pollution ?



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3. What is Noise ? State the effect of it and mention the measures to control it.



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4. Explain the preventive measures to control pollution in Delhi.



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5. Why CNG is a better option than diesel ?



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6. What is new auto fuel policy?



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7. Discuss Euro III norms.



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8. Explain the new auto-fuel policy laid down by Government of India to cut down vehicular pollution.



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9. Explain water pollution and its control.



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10. Explain information about sewage and waste generated by houses ?



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11. What do you mean by Biological Oxygen Demand (BOD) ?



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12. Find out what do the terms 'algal bloom' and 'red tides' signify.



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13. What are components of domestic sewage and industrial Effluents ?



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14. Explain biomagnification or biological magnification.



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15. What is Eutrophication ?



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16. What is Integrated Waste Water Treatment?



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17. What are solid wastes ?



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18. Explain the types of waste generated by man?



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19. What are electronic waste (e - waste) ?



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20. How can we get rid of these plastic waste materials ?



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21. What are Agro-chemicals and mention their effects ?



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22. Describe how Haryana Kisan Welfare Club was created ?



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23. Explain about radioactive wastes.



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24. What is greenhouse effect and global warming ?



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25. Explain relative contribution of various greenhouse gases to total global warming with the help of figure?



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26. What is the effect of greenhouse gases ?



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27. The small ozone layer on top of the stratosphere is crucial for human survival. Why ?



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28. What is Montreal Protocol ?



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29. Explain various factors which causes degradation of natural resources.



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30. Definitions/Explanation

Deforestation :



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31. What do you mean by reforestation ?



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32. Mention various instances when people participation helps in conservation of forests.



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33. What is released from thermal power plants and smelters?





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34. The most widely used method to remove particulate matter is ?



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35. What is corona ?



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36. Which gas can scrubber remove?



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37. What happens when the fine particles are inhaled deep into lungs?



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38. Name the catalyst present in catalytic converters?



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39. Why unleaded petrol used in vehicles fitted with catalytic converters?



[Watch Video Solution](#)

40. What is the rank of Delhi among 41 countries in the world?



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41. What PIL was filled regarding air pollution in Delhi?



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42. What is the amount of aromatic hydrocarbons in the concerned fuel?



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43. What is the lifeline of human beings and other animals?



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44. In which year the Government of India has passed the Water (Prevention and Control of Pollution Act)?



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45. What is domestic sewage?



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46. What does BOD test measures?



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47. What causes algal bloom?



Watch Video Solution

48. What is terror of Bengal?



Watch Video Solution

49. Name toxicant?



Watch Video Solution

50. Which minerals encourage growth of aquatic organisms?



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51. Define accelerated Eutrophication?



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52. Where is town of Arcata situated?



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53. What is FOAM?



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54. In which areas EcoSan toilets are there?



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55. What is included in municipality waste?



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56. What is used as a substitute for open burning dumps?



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57. What does hospital generates?



[Watch Video Solution](#)

58. What is recovered during recycling process?



[Watch Video Solution](#)

59. Who was Ahmed Khan?



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60. What is polyblend?



Watch Video Solution

61. How many times road life is enhanced?



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62. What is the disadvantage of pesticides and insecticides?



Watch Video Solution

63. Who was Ramesh Chandra Dagar?



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64. What is used to create compost?



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65. Name two serious problems due to nuclear energy?



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66. Which of these following methods is the most suitable for disposal of nuclear waste ?



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67. How global warming is caused?



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68. What is Elnino effect?



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69. How much temperature of the Earth has increased during the last 3 decades?



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70. What is stratosphere?



[Watch Video Solution](#)

71. What is Dobson unit?



[Watch Video Solution](#)

72. What is ozone hole?



[Watch Video Solution](#)

73. Definitions/Explanation

Deforestation :



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74. What is Jhum cultivation?



[Watch Video Solution](#)

75. For what Amrita Devi Bishnoi wildlife protection award is given?



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76. What is JFM?



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Section B Difference Scientific Reasons

1. Give differences

Deforestation and Desertification



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2. Give differences

Afforestation and Agroforestry



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3. Give differences

Biodegradable pollutants and Non -
biodegradable pollutants



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4. Give differences

Primary pollutant and Secondary pollutant



[Watch Video Solution](#)

5. Give differences

Wet deposition and dry deposition



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6. Give differences

Brown air and Grey air



Watch Video Solution

7. Give differences

BOD and COD



[Watch Video Solution](#)

8. Give differences

Biological magnification and Eutrophication



[Watch Video Solution](#)

9. Why unleaded petrol used in vehicles fitted with catalytic converters?



Watch Video Solution

10. Thermal pollution is harmful for aquatic animals.



Watch Video Solution

11. Why does ozone hole form over Antarctica ?

How will enhanced ultraviolet radiation affect

us ?



Watch Video Solution

12. Increased concentration of DDT affects

birds.



Watch Video Solution

13. People living in West Bengal suffers from black foot disease.



Watch Video Solution

14. Tall chimneys are recommended for factories.



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15. Agriculture production increased several times after introduction of DDT.



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16. Inhabitants close to a very busy airports are likely to experience health hazards.



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Section C Objective Question Answers

1. Match the column

Column - I		Column - II	
(1)	Arsenic	(a)	minamata disease
(2)	Nitrate	(b)	ital-ital disease
(3)	Mercury	(c)	blue baby syndrome
(4)	Cadmium	(d)	skeletal fluorosis
(5)	Flouride	(e)	black foot disease



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2. Match the column

Column - I		Column - II	
(1)	Mercury	(a)	Low blood pressure, blindness.
(2)	Lead	(b)	Hyperkeratosis, liver cirrhosis.
(3)	Arsenic	(c)	Bone deformation, testicular atrophy.
(4)	Cadmium	(d)	Abdominal pain, haemolysis.
		(e)	Anaemia, convulsions



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3. Match the column

Column - I		Column - II	
(1)	Electrostatic precipitator	(a)	Removes gases like SO_2
(2)	Scrubber	(b)	Reduces automobile emission
(3)	Catalytic converter	(c)	Removes particulate matter



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4. Match the column

Column - I		Column - II	
(1)	Nitrous oxide	(a)	Secondary pollutant from car exhaust.
(2)	Chlorofluoro carbons	(b)	Combustion of fossil fuels, wood etc.
(3)	Methane	(c)	Denitrification
(4)	Ozone	(d)	Refrigerators, aerosols, sprays
(5)	Carbon dioxide	(e)	Cattle, ricefields, toilets



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5. Definitions/Explanation

Noise :



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6. Definitions/Explanation

Pyrolysis :



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7. Definition/explanation : BOD



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8. Definitions/Explanation

Soil erosion :



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9. Definitions/Explanation

Deforestation :



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10. Definitions/Explanation

Biological Magnification :



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11. Definitions/Explanation

Point sources of water pollution :



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12. Definitions/Explanation

Non-point sources of pollution :



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13. Definitions/Explanation

Smog :



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14. Full name

CPCB :



[Watch Video Solution](#)

15. Full name

PIL :



[Watch Video Solution](#)

16. Full name

CNG :



Watch Video Solution

17. Full name

BOD :



Watch Video Solution

18. Full name

FOAM :



[Watch Video Solution](#)

19. Full name

CFCs :



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20. Important dates/events

Environment (Protection Act) :



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21. In which year was the Air (Prevention and Control of Pollution) Act amended to include noise as air pollution.



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22. In which year the Government of India has passed the Water (Prevention and Control of Pollution Act)?



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23. Important dates/events

2002 :



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24. Important dates/events

1 April 2005 :



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25. Important dates/events

1 April 2010 :



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26. Montreal Protocol aims by



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27. Important dates/events

National Forest Policy :



[Watch Video Solution](#)

28. Important dates/events

1731 :



[Watch Video Solution](#)

29. Important dates/events

Chipko movement :



[Watch Video Solution](#)

30. Important dates/events

JFM :



[Watch Video Solution](#)

Section D Textual Exercise

1. What are the various constituents of domestic sewage ? Discuss the effects of sewage discharge on a river.



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2. 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 ?



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



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4. Match the items given in column - A and B :

Column - A		Column - B	
(a)	Catalytic converter	(i)	Particulate matter
(b)	Electrostatic precipitator	(ii)	Carbon monoxide and nitrogen oxides
(c)	Earmuffs	(iii)	High noise level
(d)	Landfills	(iv)	Solid wastes



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5. Write critical notes on the following:

(a) Eutrophication

(b) Biological magnification

(c) Groundwater depletion and ways for its replenishment



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6. Why does ozone hole form over Antarctica ?

How will enhanced ultraviolet radiation affect

us ?



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7. Discuss the role of women and communities in protection and conservation of forests.



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8. What measures as an individual would you take to reduce environmental pollution ?



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9. Discuss briefly the following:

(a) Radioactive wastes

(b) Defunct ships and e-wastes

(c) Municipal solid wastes



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10. What initiatives were taken for reducing vehicular air pollution in Delhi ? Has air quality improved in Delhi ?



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11. Discuss briefly the following:

(a) Greenhouse gases

(b) Catalytic converter

(c) Ultraviolet B



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Section E Solution Of Ncert Exemplar Multiple Choice Questions Mcqs

1. Non-biodegradable pollutants are created by

(A) nature

(B) excessive use of resources

(C) humans

(D) natural disasters

A. nature

B. excessive use of resources

C. humans

D. natural disasters

Answer: C



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2. According to the Central Pollution Control Board, the diameter of particles that are responsible for causing great harm to human health is

- (A) 2.5 micrometer
- (B) 5.0 micrometer
- (C) 10.0 micrometer
- (D) 7.5 micrometer

- A. 2.5 micrometer
- B. 5.0 micrometer
- C. 10.0 micrometer
- D. 7.5 micrometer

Answer: A



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3. The material generally used for sound proofing of rooms like a recording studio and auditorium

(A) cotton

(B) coir

(C) wood

(D) styrofoam

A. cotton

B. coir

C. wood

D. styrofoam

Answer: D



Watch Video Solution

4. Compressed Natural Gas (CNG) is

(A) propane

(B) Methane

(C) ethane

(D) butane

A. propane

B. Methane

C. ethane

D. butane

Answer: B



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5. World's most problematic aquatic weed is

(A) Azolla

(B) Wolffia

(C) Eichhornia

(D) Trapa

A. Azolla

B. Wolffia

C. Eichhornia

D. Trapa

Answer: C



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6. Which of the following exhibits biomagnification ?

(A) SO_2

(B) Mercury

(C) DDT

(D) Both B and C

A. SO_2

B. Mercury

C. DDT

D. Both B and C

Answer: D



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7. The expanded form of DDT is :

- (A) dichloro diphenyl trichloroethane
- (B) dichloro diethyl trichloroethane
- (C) dichloro dipyrydyl trichloroethane
- (D) dichloro diphenyl tetrachloroacetate

A. dichloro diphenyl trichloroethane

B. dichloro diethyl trichloroethane

C. dichloro dipyrydyl trichloroethane

D. dichloro diphenyl tetrachloroacetate

Answer: A



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8. Which of the following material takes the longest time for biodegradation ?

(A) Cotton

(B) Paper

(C) Bone

(D) Jute

A. Cotton

B. Paper

C. Bone

D. Jute

Answer: C



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9. Choose the incorrect statement

(A) The Montreal protocol is associated with the control of emission of ozone depleting substances

(B) Methane and carbon dioxide are greenhouse gases

(C) Dobson units are used to measure oxygen content of air

(D) Use of incinerators is crucial to disposal of hospital wastes

A. The Montreal protocol is associated with the control of emission of ozone depleting substances

B. Methane and carbon dioxide are greenhouse gases

C. Dobson units are used to measure oxygen content of air

D. Use of incinerators is crucial to disposal
of hospital wastes

Answer: C



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10. Among the following which one causes
maximum indoor chemical pollution ?

(A) burning coal

(B) burning cooking gas

(C) burning mosquito coil

(D) room spray

A. burning coal

B. burning cooking gas

C. burning mosquito coil

D. room spray

Answer: A



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11. The green scum seen in the fresh water bodies is :

(A) blue-green algae

(B) red algae

(C) green algae

(D) both (A) and (C)

A. blue-green algae

B. red algae

C. green algae

D. both (B) and (C)

Answer: D



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12. The loudness of a sound that a person can withstand without discomfort is about

(A) 150 dB

(B) 215 dB

(C) 30 dB

(D) 80 dB

A. 150 dB

B. 215 dB

C. 30 dB

D. 80 dB

Answer: D



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13. The major source of noise pollution

worldwide is due to :

(A) office equipment

(B) transport system

(C) sugar, textile and paper industries

(D) oil refineries and thermal power plants

A. office equipment

B. transport system

C. sugar, textile and paper industries

D. oil refineries and thermal power plants

Answer: B



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14. The correct matches is,

Column - I		Column - II	
(A)	Environment Protection Act	(i)	1974
(B)	Air Prevention & Control of Pollution Act	(ii)	1987
(C)	Water Act	(iii)	1986
(D)	Amendment of Air Act to include noise as an air pollutant	(iv)	1981

(A) A-iii, B-iv, C-i, D-ii

(B) A-i, B-iii, C-ii, D-iv

(C) A-iv, B-i, C-ii, D-iii

(D) A-iii, B-iv, C-ii, D-i

A. A-iii, B-iv, C-i, D-ii

B. A-i, B-iii, C-ii, D-iv

C. A-iv, B-i, C-ii, D-iii

D. A-iii, B-iv, C-ii, D-i

Answer: A



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15. Catalytic converters are fitted into automobiles to reduce emission of harmful gases. Catalytic converters change unburnt hydrocarbons into :

(A) carbon dioxide and water

(B) carbon monoxide

(C) methane

(D) carbon dioxide and methane

A. carbon dioxide and water

B. carbon monoxide

C. methane

D. carbon dioxide and methane

Answer: A



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16. Why is it necessary to remove sulphur from petroleum products ?

(A) To reduce the emission of sulphur dioxide in exhaust fumes

(B) To increase efficiency of automobiles engines

(C) To use sulphur removed from petroleum for commercial purposes

(D) To increase the life span of engine silencers

A. To reduce the emission of sulphur dioxide in exhaust fumes

B. To increase efficiency of automobiles engines

C. To use sulphur removed from petroleum for commercial purposes

D. To increase the life span of engine silencers

Answer: A



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17. Which one of the following impurities is easiest to remove from waste water ?

(A) Bacteria

(B) Colloids

(C) Dissolved solids

(D) Suspended solids

A. Bacteria

B. Colloids

C. Dissolved solids

D. Suspended solids

Answer: D



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18. Which one of the following diseases is not caused due to contamination of water ?

(A) Hepatitis-B

(B) Jaundice

(C) Cholera

(D) Typhoid

A. Hepatitis-B

B. Jaundice

C. Cholera

D. Typhoid

Answer: A



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19. Nuisance growth of aquatic plants and bloom forming algae in natural waters is generally due to high concentrations of :

(A) carbon

(B) sulphur

(C) calcium

(D) phosphorus

A. carbon

B. sulphur

C. calcium

D. phosphorus

Answer: D



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20. Algal blooms impart a distinct colour to water due to :

(A) their pigments

(B) excretion of coloured substances

(C) formation of coloured chemicals in water facilitated by physiological degradation of algae.

(D) absorption of light by algal cell wall.

A. their pigments

B. excretion of coloured substances

C. formation of coloured chemicals in water facilitated by physiological degradation of algae.

D. absorption of light by algal cell wall.

Answer: A



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21. Match the items in column I and column II and choose the correct option:

Column I		Column II	
(A)	UV	i.	Biomagnification
(B)	Biodegradable Organic matter	ii.	Eutrophication
(C)	DDT	iii.	Snow blindness
(D)	Phosphates	iv.	BOD

(A) A-ii, B-i, C-iv, D-iii

(B) A-iii, B-ii, C-iv, D-i

(C) A-iii, B-iv, C-i, D-ii

(D) A-iii, B-i, C-iv, D-ii

A. A-ii, B-i, C-iv, D-iii

B. A-iii, B-ii, C-iv, D-i

C. A-iii, B-iv, C-i, D-ii

D. A-iii, B-i, C-iv, D-ii

Answer: C



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22. In the textbook you came across "Three Mile Island and Chernobyl disasters associated with accidental leakage of radioactive wastes."

In India we had Bhopal gas tragedy. It is associated with which of the following?

(A) CO_2

(B) Methyl Isocyanate

(C) CFC

(D) Methyl Cyanate

A. CO_2

B. Methyl Isocyanate

C. CFC

D. Methyl Cyanate

Answer: B



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Section E Solution Of Ncert Exemplar Very Short Answer Type Questions Vsqs

1. Use of lead-free petrol or diesel is recommended to reduce the pollutants emitted by automobiles. What role does lead play?



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2. In which year was the Air (Prevention and Control of Pollution) Act amended to include

noise as air pollution.



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3. Name the city in our country where the entire public road transport runs on CNG.



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4. It is a common practice to undertake desilting of the overhead water tanks. What is

the possible source of silt that gets deposited in the water tanks?



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5. What is cultural eutrophication ?



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6. List any two adverse effects of particulate matter on human health.



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7. What is the raw material for polyblend ?



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8. Blends of polyblend and bitumen, when used, help to increase road life by a factor of three. What is the reason ?



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9. Mention any two examples of plants used as wind breakers in the agricultural fields.



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10. Name an industry which can cause both air and thermal pollution and as well as eutrophication.



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11. What is an algal bloom ?



Watch Video Solution

12. What do you understand by biomagnification ?



Watch Video Solution

13. What are the three major kinds of impurities in domestic wastewater ?



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14. What do you mean by reforestation ?



Watch Video Solution

15. What is the best solution for the treatment of electronic wastes ?



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Section E Solution Of Ncert Exemplar Short Answer Type Questions

1. Is it true that carpets and curtains/drapes placed on the floor or wall surfaces can reduce noise level. Explain briefly ?



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2. What is hybrid vehicle technology ? Explain its advantages with a suitable example.



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3. Is it true that if the dissolved oxygen level drops to zero, the water will become septic. Give an example which could lower the dissolved oxygen content of an aquatic body.



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4. Name any one greenhouse gas and its possible source of production on a large scale. What are the harmful effects of it?





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5. It is a common practice to plant trees and shrubs near the boundary walls of buildings.

What purpose do they serve ?



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6. Why has the National Forest Commission of India recommended a relatively larger forest cover for hills than for plains ?



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7. How can slash and burn agriculture become environment friendly?



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8. What is the main idea behind "Joint Forest Management Concept" introduced by the Government of India ?



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9. What do you understand by Snow-blindness?



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10. How has DDT caused decline in bird population ?



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11. Observe the figure A and B given below and answer the following questions.



(A)



(B)

(i) The power generation by the above two methods is non-polluting. True/False.

(ii) List any two applications of solar energy

(iii) What is a photovoltaic cell?



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Section E Solution Of Ncert Exemplar Long Answer Type Questions

1. Write a short note on electronic waste. List the various sources of e-wastes and the problems associated with its disposal.



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2. What is organic farming ? Discuss the benefits of organic farming as a viable practise in the context of developing nations like India.



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3. Water logging and soil salinity are some of the problems that have come in the wake of the Green Revolution. Discuss their causes and adverse effects to the environment.



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4. What are multipurpose trees? Give the botanical and local names of any two

multipurpose trees known to you and list their uses.



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5. What are the basic characteristics of a modern landfill site. List any three and also mention the reasons for their use.



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6. How does an electrostatic precipitator work ?



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7. Observe figure and answer the following questions.

i. What ecological term is used to describe the DDT accumulation at different trophic levels?

ii. List any one effect of DDT accumulation on birds.

iii Will DDT accumulation lead to eutrophication ?

iv. Does it affect the BOD ?

v. Name disease caused by accumulation of any heavy metal.



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**Section F Multiple Choice Question Mcqs Mcqs
From Darpan Based On Textbook**

1. Expand BOD.

(A) Biological Oxygen Demand

(B) Biosynthetic Oxygen Demand

(C) Biogeochemical Oxygen Destroyer

(D) Biochemical Oxygen Demand

A. Biological Oxygen Demand

B. Biosynthetic Oxygen Demand

C. Biogeochemical Oxygen Destroyer

D. Biochemical Oxygen Demand

Answer: D



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2. Which of the following is biogas ?

(A) CO_2

(B) N_2O

(C) CH_4

(D) N_2

A. CO_2

B. N_2O

C. CH_4

D. N_2

Answer: C



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3. Which of the following is not a greenhouse gas ?

A. Methane

B. Oxygen

C. Water vapours

D. Carbon monoxide

Answer: B



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4. Algal blooms impart a distinct colour to water due to :

(A) their pigments

(B) excretion of coloured substances

(C) formation of coloured chemicals in water facilitated by physiological degradation of

algae.

(D) absorption of light by algal cell wall.

A. Their pigments

B. Excretion of coloured substance

C. Formation of coloured chemicals in
water facilitated by physiological
degradation of algae

D. Absorption of light by algal cell wall.

Answer: A



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5. Which one of the following diseases is not caused due to contamination of water ?

(A) Hepatitis-B

(B) Jaundice

(C) Cholera

(D) Typhoid

A. Hepatitis-B

B. Jaundice

C. Cholera

D. Typhoid

Answer: A



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6. Nuisance growth of aquatic plants and bloom forming algae in natural waters is generally due to high concentrations of :

(A) carbon

(B) sulphur

(C) calcium

(D) phosphorus

A. Carbon

B. Sulphur

C. Calcium

D. Phosphorus

Answer: D



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7. The green scum seen in the fresh water bodies is :

(A) blue-green algae

(B) red algae

(C) green algae

(D) both (A) and (C)

A. Blue-green algae

B. Red algae

C. Green algae

D. Both (A) and (C)

Answer: A



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8. The loudness of a sound that a person can withstand without discomfort is about

(A) 150 dB

(B) 215 dB

(C) 30 dB

(D) 80 dB

A. 150 dB

B. 215 dB

C. 30 dB

D. 80 dB

Answer: D



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9. World's most problematic aquatic weed is

(A) Azolla

(B) Wolffia

(C) Eichhornia

(D) Trapa

A. Azolla

B. Wolffia

C. Eichhornia

D. Trapa

Answer: C



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10. Compressed Natural Gas (CNG) is

(A) propane

(B) Methane

(C) ethane

(D) butane

A. Propane

B. Methane

C. Ethane

D. Butane

Answer: B



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11. Catalytic converters are fitted into automobiles to reduce emission of harmful gases. Catalytic converters change unburnt hydrocarbons into :

- (A) carbon dioxide and water
- (B) carbon monoxide
- (C) methane
- (D) carbon dioxide and methane

A. Carbon dioxide and water

B. carbon monoxide

C. Methane

D. Carbon dioxide and methane

Answer: A



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12. Which one of the following impurities is easiest to remove from waste water ?

(A) Bacteria

(B) Colloids

(C) Dissolved solids

(D) Suspended solids

A. Bacteria

B. Colloids

C. Dissolved solids

D. Suspended solids

Answer: D



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13. Raising crop on the resulting ash due to firing of trees is called as

A. Desertification

B. Deforestation

C. Jhuming

D. Sooting

Answer: C



Watch Video Solution

14. In 3-R policy of urban solid management which of the following is involved ?

A. Reduction

B. Reuse

C. Recycling of waste

D. All of these

Answer: D



Watch Video Solution

15. Montreal Protocol aims by

A. Control of CO_2

B. Reduction in ozone depleting substances

C. Biodiversity conservation

D. Control of water pollution

Answer: B



Watch Video Solution

16. DDT residues are rapidly passed through food chain causing biomagnification because DDT is

A. Water soluble

B. Lipid soluble

C. Moderately toxic

D. Non-toxic to aquatic animals

Answer: B



Watch Video Solution

17. Organisms called methanogens are most abundant in a

A. Sulphur rocks

B. Cattle yard

C. Polluted stream

D. Hot Spring

Answer: B



Watch Video Solution

18. Eutrophication is often seen in

A. Deserts

B. Fresh water lakes

C. Oceans

D. Mountains

Answer: B



Watch Video Solution

19. Lichens are described as indicators of

A. Water pollution

B. Soil pollution

C. Agriculture productivity

D. Air pollution

Answer: D



Watch Video Solution

20. If a water body is contaminated with a toxicant, its biomagnification will be more marked in

A. Water

B. Planktons

C. Small fishes

D. Birds

Answer: D



Watch Video Solution

21. The zone of atmosphere in which the ozone layer is present is called

A. Ionosphere

B. Mesosphere

C. Stratosphere

D. Troposphere

Answer: C



Watch Video Solution

22. Which of the following in sewage treatment removes suspended solids?

A. Secondary treatment

B. Primary treatment

C. Sludge treatment

D. Tertiary treatment

Answer: B



Watch Video Solution

23. Depletion of which gas in the atmosphere can lead to an increased incidence of skin cancers

A. Ozone

B. Ammonia

C. Methane

D. Nitrous oxide

Answer: A



Watch Video Solution

24. A scrubber in the exhaust of a chemical industrial plant removes:

A. Gases like ozone and methane

B. Particulate matter of size 2.5 micrometer
or less

C. Gases like sulphur dioxide

D. Particulate matter of size 5 micrometer
or above

Answer: C



Watch Video Solution

25. An International treaty on ozone depletion known as Montreal Protocol was signed at Montreal in the year

A. 1981

B. 1983

C. 1985

D. 1987

Answer: D



Watch Video Solution

26. Which type of pollution causes from power plants?

(A) Air

(B) Land

(C) Water

(D) Thermal

A. Air

B. Land

C. Water

D. Thermal

Answer: C



Watch Video Solution

27. Which of the below consist of ozone hole

(A) America

(B) Afghanistan

(C) Australia

(D) Antarctica

A. America

B. Afghanistan

C. Australia

D. Antarctica

Answer: D



Watch Video Solution

28. Pollution is a/an ...

Unwanted change in biotic factors.

Change in Ecosystem.

Unwanted change in abiotic factors.

Unwanted change in human.

- A. Unwanted change in biotic factors.
- B. Change in Ecosystem.
- C. Unwanted change in abiotic factors.
- D. Unwanted change in human.

Answer: C



Watch Video Solution

29. Which of the following pair is/are correct ?

(i) National Forest Policy of India - 1988

(ii) Water (Prevent & Control of Pollutions) Act

- 1974.

(iii) Pollution Control System - 1981,

(iv) The air (Prevention & Control of Pollution)

Act - 1995.

(A) (i) only

(B) (i) & (ii) only

(C) (i) & (iv) only

(D) (iii) & (iv) only

A. (i) only

B. (i) & (ii) only

C. (i) & (iv) only

D. (iii) & (iv) only

Answer: B



Watch Video Solution

30. A : To control air pollution, remove photochemical smoke.

R : Photochemical smoke is product of industries

Both A and R are true and R is correct explanation of A

Both A and R are true but R is not correct explanation of A

A is true but R is false.

A is false but R is true.

A. Both A and R are true and R is correct explanation of A

B. Both A and R are true but R is not correct explanation of A

C. A is true but R is false.

D. A is false but R is true.

Answer: B



View Text Solution

31. Which of the following is an example of harmful waste ?

(A) Light bulbs.

(B) Fertilizers

(C) Battery

(D) Glass

A. Light bulbs.

B. Fertilizers

C. Battery

D. Glass

Answer: C



Watch Video Solution

32. Which diseases is caused in human by radioactive waste ?

(A) AIDS

(B) Cholera

(C) Small pox

(D) Cancer

A. AIDS

B. Cholera

C. Small pox

D. Cancer

Answer: D



Watch Video Solution

33. In which year, Government of India passed the Environment (Protection) Act ?

(A) 1974

(B) 1980

(C) 1984

(D) 1986

A. 1974

B. 1980

C. 1984

D. 1986

Answer: D



Watch Video Solution

34. In which part of India "Jhum cultivation" or "Slash and burn cultivation" is practiced ?

- (A) Northern India
- (B) North-West India
- (C) North-East India
- (D) South India

A. Northern India

B. North-West India

C. North-East India

D. South India

Answer: C



Watch Video Solution

35. Assertion : Polymer modified bitumen is emerging as one of the important construction material.

Reason: Plastic waste, otherwise considered to

be a pollution menace, can find its use in polymer modified bitumen construction and thus help in solving the pollution problem.

If both .A. and .R. are true and .R. is the correct explanation of .A..

If both .A. and .R. are true and .R. is not the correct explanation of .A..

.A. is true but .R. is false.

Both .A. and .R. are false.

A. If both .A. and .R. are true and .R. is the correct explanation of .A..

B. If both .A. and .R. are true and .R. is not the correct explanation of .A..

C. .A. is true but .R. is false.

D. Both .A. and .R. are false.

Answer: A



Watch Video Solution

36. What is Biological magnification ?

(A) increase in energy at every trophic level in aquatic food chain.

(B) Increase in protein in the aquatic food chain.

(C) Increase in toxic substances which are non degradable in the aquatic food chain.

(D) Increase in size of animals from equator towards poles.

A. Increase in energy at every trophic level
in aquatic food chain.

B. Increase in protein in the aquatic food
chain.

C. Increase in toxic substances which are non degradable in the aquatic food chain.

D. Increase in size of animals from equator towards poles.

Answer: C



Watch Video Solution

37. Easy availability of nutrients in an aquatic habitat is called :

(A) Biological magnification

(B) Overexploitation

(C) Biodiversity

(D) Eutrophication

A. Biological magnification

B. Overexploitation

C. Biodiversity

D. Eutrophication

Answer: D



Watch Video Solution

38. In which year the Government of India has passed the Water (Prevention and Control of Pollution Act)?

A. 1974

B. 1981

C. 1984

D. 1972

Answer: A



Watch Video Solution

39. The CO_2 present in the atmosphere absorbs the long wavelength infrared rays and reflects them back towards the earth : As a result the earth and its surrounding atmosphere remain warm. This effect is called :

(A) Greenhouse gas

(B) Ozonic effect

(C) Cyclic effect

(D) Greenhouse effect

A. Greenhouse gas

B. Ozonic effect

C. Cyclic effect

D. Greenhouse effect

Answer: D



Watch Video Solution

40. Which of the following cannot be associated with deforestation ?

(A) Disturbance in ecological balance.

(B) Increase in the population of carnivores while decrease in the population of herbivores.

(C) Irregularities in biogeochemical cycles.

(D) Organisms lose their habitat and become endangered or extinct.

A. Disturbance in ecological balance.

- B. Increase in the population of carnivores while decrease in the population of herbivores.
- C. Irregularities in biogeochemical cycles.
- D. Organisms lose their habitat and become endangered or extinct.

Answer: B



Watch Video Solution

41. Which of the following follows deforestation ?

(A) Changes in regional and global climate.

(B) Decrease in rainfall, forest cover and soil fertility

(C) Increase in soil erosion, amount of CO_2 and temperature.

(D) All of the above.

A. Changes in regional and global climate.

B. Decrease in rainfall, forest cover and soil fertility

C. Increase in soil erosion, amount of CO_2
and temperature.

D. All of the above.

Answer: D



Watch Video Solution

42. Which of the following is not included in the natural source of air pollution ?

(A) Suspended particles in air

(B) Pollen

(C) Volcano

(D) Thermal power station

A. Suspended particles in air

B. Pollen

C. Volcano

D. Thermal power station

Answer: D



Watch Video Solution

43. Electrical charges are generated in electro precipitators by.....

Soil particles

Smoke particles

Photo-chemical source

Water particles

A. Soil particles

B. Smoke particles

C. Photo-chemical source

D. Water particles

Answer: B



Watch Video Solution

44. The idea of JFM originated from the management of [x] forests in [y].

A. x = Ocimum Sanctum y = Gujarat

B. x = Eichhornia y = West Bengal

C. x = Water hyacinth y = Himachal Pradesh

D. $x = Shorea\ robusta$ $y = West\ Bengal$

Answer: D



Watch Video Solution

45. Which suspended particles have increased in recent time?

SO₂,NO

SO₂,CO₂

CO₂,CO

NO₂,SO₂

A. SO_2 , NO

B. SO_2 , CO_2

C. CO_2 , CO

D. NO_2 , SO_2

Answer: D



Watch Video Solution

46. Which of the following decreases when BOD level in water increases ?

(A) O_2

(B) CO_2

(C) NO_2

(D) CO

A. O_2

B. CO_2

C. NO_2

D. CO

Answer: A



Watch Video Solution

47. Which of the following is an example of e-waste ?

(A) Toy's plastic

(B) Electric stove

(C) Computers

(D) Electric wire

A. Toys plastic

B. Electric stove

C. Computers

D. Electric wire

Answer: C



Watch Video Solution

48. How much ppm DDT is found in fish-eating birds?

(A) 15 ppm

(B) 20 ppm

(C) 35 ppm

(D) 25 ppm

A. 15 ppm

B. 20 ppm

C. 35 ppm

D. 25 ppm

Answer: D



Watch Video Solution

49. The waste which is degraded by bacteria is known as

(A) Abiotic degradable

(B) Biodegradable

(C) Solid waste

(D) Radioactive waste

A. Abiotic degradable

B. Biodegradable

C. Solid waste

D. Radioactive waste

Answer: B



Watch Video Solution

50. Match the column. Column .

Column - A		Column - B	
(1)	Small fish	(p)	0.003 ppm
(2)	Big fish	(q)	25 ppm
(3)	Fish-eating birds	(r)	0.04 ppm
(4)	Zooplankton	(s)	2 ppm
		(t)	0.5 ppm

(A) $(1 \rightarrow t), (2 \rightarrow s), (3 \rightarrow q), (4 \rightarrow r)$

(B) $(1 \rightarrow r), (2 \rightarrow t), (3 \rightarrow s), (4 \rightarrow p)$

(C) $(1 \rightarrow r), (2 \rightarrow s), (3 \rightarrow q), (4 \rightarrow p)$

(D) $(1 \rightarrow p), (2 \rightarrow r), (3 \rightarrow t), (4 \rightarrow q)$

A. $(1 \rightarrow t), (2 \rightarrow s), (3 \rightarrow q), (4 \rightarrow r)$

B. $(1 \rightarrow r), (2 \rightarrow t), (3 \rightarrow s), (4 \rightarrow p)$

C. $(1 \rightarrow r), (2 \rightarrow s), (3 \rightarrow q), (4 \rightarrow p)$

D. $(1 \rightarrow p), (2 \rightarrow r), (3 \rightarrow t), (4 \rightarrow q)$

Answer: A



Watch Video Solution

51. Which of the following statement is correct

?

A. Depletion of 10% in ozone layer can cause as 26% increase in incidence of

skin cancer and cataract.

B. There will be 3,00,000 more cases of skin cancer and 17.5 million more cases of cataract every year.

C. Ozone layer is located at a height of 50 kms in stratosphere.

D. All of the above.

Answer: D



View Text Solution

52. At the beginning of the twentieth century, what part of land was covered by forest in India ?

(A) 10 %

(B) 20 %

(C) 30 %

(D) 40 %

A. 10 %

B. 20 %

C. 30 %

D. 40 %

Answer: C



Watch Video Solution

53. Which type of air pollution increases due to fertilizer factory?

A. NO_2 , CO

B. NO_2 , CO_2

C. NO_2 , SO_2

D. CO_2 , SO_2

Answer: C



Watch Video Solution

54. In which zone of atmosphere, ozone layer is present ?

- (A) Troposphere
- (B) Stratosphere
- (C) Ionosphere
- (D) Exosphere

A. Troposphere

B. Stratosphere

C. Ionosphere

D. Exosphere

Answer: B



Watch Video Solution

55. Which of the following regarding control of air pollution is incorrect?

A. Photochemical smog should be reduced.

B. Use of lead-free petrol should be enhanced.

C. Particles of 3.5 ppm in diameter can damage Lungs.

D. Use of E-bike should be increased.

Answer: D



Watch Video Solution

56. Which of the following is a scientific name of Sal plant?

(A) *Tectona grandis*

(B) *Azadirachta indica*

(C) *Aegle marmelos*

(D) *Shorea robusta*

A. *Tectona grandis*

B. *Azadirachta indica*

C. *Aegle marmelos*

D. *Shorea robusta*

Answer: D



Watch Video Solution

57. Assertion : As the amount of dissolved oxygen in water decreases, BOD increases.

Reason: Microorganisms involved in biodegradation of organic matter requires a lot of dissolved O_2 .

A. both .A. and .R. are true and .R. is the correct explanation of .A..

B. both .A. and .R. are true and .R. is not the correct explanation of .A..

C. .A. is true but .R. is false.

D. Both .A. and .R. are false.

Answer: A



Watch Video Solution

58. In which year "Chipko Movement" started ?

(A) 1972

(B) 1973

(C) 1974

(D) 1975

A. 1972

B. 1973

C. 1974

D. 1975

Answer: C



Watch Video Solution

59. According to the Central Pollution Control Board, the diameter of particles that are responsible for causing great harm to human health is

(A) 2.5 micrometer

(B) 5.0 micrometer

(C) 10.0 micrometer

(D) 7.5 micrometer

A. 1.5 micrometer

B. 3.5 micrometer

C. 2.5 micrometer

D. 0.5 micrometer

Answer: C



Watch Video Solution

60. A: The space of natural ecosystem decreased

R: Human population increase

(A) Both A and R are true and R is correct explanation of A

(B) Both A and R are true but R is not correct

explanation of A

(C) A is true but R is false.

(D) A is false but R is true.

A. Both A and R are true and R is correct

explanation of A

B. Both A and R are true but R is not

correct explanation of A

C. A is true but R is false.

D. A is false but R is true.

Answer: A





Watch Video Solution

61. In honor of which person wildlife protection award is given ?

(A) Mega Patkar

(B) Indira Gandhi

(C) Sunita William

(D) Amrita Devi

A. Mega Patkar

B. Indira Gandhi

C. Sunita William

D. Amrita Devi

Answer: D



Watch Video Solution

62. GAIL company provides gas to which city ?

(A) Ahmedabad

(B) Surat

(C) Ankleshwar

(D) Vadodara

A. Ahmedabad

B. Surat

C. Ankleshwar

D. Vadodara

Answer: D



Watch Video Solution

63. Which of the following is not a greenhouse gas?

(A) Methane and nitrous oxide

(B) Hydrofluorocarbon (HFC)

(C) Chlorofluorocarbon (CFC)

(D) Butane

A. Methane and nitrous oxide

B. Hydrofluorocarbon (HFC)

C. Chlorofluorocarbon (CFC)

D. Butane

Answer: D



Watch Video Solution

64. Recyclable solid waste : Paper, glass :: Inert

waste:

(A) Kitchen waste

(B) Green waste

(C) Cans

(D) Dirt, rocks

A. Kitchen waste

B. Green waste

C. Cans

D. Dirt, rocks

Answer: D



Watch Video Solution

65. Which of the following statement is correct for air pollution ?

A. It affects the respiratory and circulatory system of human beings and animal.

B. Suspended particle in air, pollen of plants, smoke substance spread during

volcanic eruption etc are considered as natural pollutants.

C. Stone quarries, cement industry and asbestos factories are major source of air pollution.

D. Petroleum refineries and fertilizer factories are responsible for the emission of SO_3 and NO_3 in air.

Answer: B



Watch Video Solution

66. Radioactive wastes are usually by product of :

- (A) Nuclear technology
- (B) Nuclear power generation
- (C) Electronic goods
- (D) Nuclear harvesting

A. Nuclear technology

B. Nuclear power generation

C. Electronic goods

D. Nuclear harvesting

Answer: B



Watch Video Solution

67. It is called Accelerated Eutrophication :

A. Harmful effect of pollution

B. Destruction of fish in aquatic habitat.

C. Addition of industrial waste in aquatic habitat.

D. Pollutant addition accelerates the aging process.

Answer: D



Watch Video Solution

68. By addition of what in water eutrophication occurs ?

A. Detergent

B. Fertilizer

C. Sewage

D. Above all

Answer: D



Watch Video Solution

69. Assertion : Biological magnification is increase in concentration of toxic substances at various trophic levels of a food chain.

Reason: Toxic substances accumulated by an organism cannot be metabolized or excreted.

A. both .A. and .R. are true and .R. is the correct explanation of .A..

B. both .A. and .R. are true and .R. is not the correct explanation of .A..

C. .A. is true but .R. is false.

D. Both .A. and .R. are false.

Answer: A



Watch Video Solution

70. Where "National Institute of occupational health" is located ?

A. Surat

B. Ahmedabad

C. Bhavnagar

D. Vadodara

Answer: B



Watch Video Solution

71. 1 ppm = ppb.

(A) 10

(B) 100

(C) 1000

(D) 10,000

A. 10

B. 100

C. 1000

D. 10,000

Answer: C





72. How many molecules of ozone can be decomposed by one atom of chlorine ?

(A) 10

(B) 100

(C) 10,000

(D) 1,00,000

A. 10

B. 100

C. 10,000

D. 1,00,000

Answer: D



Watch Video Solution

73. How much percent of SO_2 is noted by Gujarat Pollution Control Board, Gandhinagar in the year 2010-11 in the sabarmati area of Ahmedabad ?

A. 22.3

B. 23.3

C. 24.3

D. 21.3

Answer: B



Watch Video Solution

74. Which of the following is not a reason for deforestation ?

(A) Population explosion.

(B) Increase in demand of agricultural

products and fuel wood.

(C) Increasing industrialization and urbanization.

(D) Lightening and floods.

A. Population explosion.

B. Increase in demand of agricultural products and fuel wood.

C. Increasing industrialization and urbanization.

D. Lightening and floods.

Answer: D



Watch Video Solution

75. By which of the following the earth is protected from UV rays?

- A. Ozone layer
- B. Carbon monoxide
- C. Oxygen
- D. Carbon dioxide

Answer: A



Watch Video Solution

76. Which method is not used in organic farming ?

- A. Crop rotation
- B. Green manure
- C. Artificial fertilizer
- D. Biological pest control

Answer: C



Watch Video Solution

77. Which chemical is utilized in water to destroy mosquitoes?

A. 2-4-D

B. Aldrin

C. DDT

D. Gammexane

Answer: C



Watch Video Solution

78. What is the effect of air pollution on crops ?

A. A.It decreases growth and production

B. B. It decreases growth and development

C. C. It decreases reproduction and production

D. D. It decreases growth and reproduction

Answer: A



Watch Video Solution

79. Which of the following sentence is differing for the control of increased global temperature.

- A. Increased use of natural gas
- B. Increased use of petroleum energy
- C. Stop the deforestation
- D. To promote plantation

Answer: B



Watch Video Solution

80. Which of the following can be done to control global warming ?

- A. Use of natural gas as an alternative source of energy
- B. Reduction in deforestation.
- C. Reduction in consumption of fossil fuel.
- D. All of the above.

Answer: D



Watch Video Solution

81. Which of the following is not an inert waste

?

(A) Construction and demolition waste

(B) Dirt and rocks

(C) Debris

(D) Plastics

A. Construction and demolition waste

B. Dirt and rocks

C. Debris

D. Plastics

Answer: D



Watch Video Solution

82. Which is not included in organic farming ?

(A) Changes in crop

(B) Bio-pest-control

(C) Fertilizer

(D) Growth hormone

A. Changes in crop

B. Bio-pest-control

C. Fertilizer

D. Growth hormone

Answer: D



Watch Video Solution

83. Pollutants from man's activities like effluents from the industries and homes can accelerate the aging process. This phenomenon has been called :

(A) Biochemical oxygen demand

(B) Cultural or Accelerated biological magnification

(C) Cultural or Accelerated eutrophication

(D) Biochemical eutrophication

A. Biochemical oxygen demand

B. Cultural or Accelerated biological magnification

C. Cultural or Accelerated eutrophication

D. Biochemical eutrophication

Answer: C





Watch Video Solution

84. By which, from the following radiation waste not arises ?

A. Nuclear cleavage

B. Nuclear technology experiment

C. Nuclear energy

D. Nuclear electricity

Answer: D



Watch Video Solution

85. Which of the following is an example of biodegradable waste ?

A. Plastic

B. Paper

C. Glass

D. Metal

Answer: B



Watch Video Solution

86. The nearest to the earth :: At the height of 50 kms from the earth : stratosphere

A. Thermosphere

B. Troposphere

C. Ionosphere

D. Mesosphere

Answer: B



Watch Video Solution

87. A: Photochemical smog should be eliminated to control air pollution.

R: It is product of industries.

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

B. b. Both Assertion and Reason are true but Reason is not a correct explanation of the Assertion.

C. c. Assertion is true but Reason is false.

D. d. Assertion is false but Reason is true.

Answer: C



Watch Video Solution

88. Which of the following is not a recyclable material ?

- (A) Paper
- (B) Certain plastics
- (C) Cans and metals
- (D) Tetra packs

A. Paper

B. Certain plastics

C. Cans and metals

D. Tetra packs

Answer: D



Watch Video Solution

89. Used water and waste substances that are produced by human bodies is known as:

(A) Sea waste

(B) Sewage

(C) Pollution

(D) BOD

A. Sea waste

B. Sewage

C. Pollution

D. BOD

Answer: B



Watch Video Solution

90. Which of the following process is found in the primary stage of removal of dirty water ?

A. A. Substances are made harmless

B. B. Initiate degradation of organic substance

C. C. Dechlorination of water

D. D. Remove nitrate, phosphate

Answer: A



Watch Video Solution

91. When the BOD in water increases than the level of O_2

- A. Increases
- B. Remain normal
- C. Decreases
- D. No change

Answer: C



Watch Video Solution

92. It is a effect of water logging in the soil :

A. Inhibits the growth of crops.

B. Salt is deposited as a thin crust on the
land surface.

C. Dry mass is formed on soil

D. (A) and (B) both

Answer: D



Watch Video Solution

93. Which of the following is an e-waste ?

A. Corrupt softwares

B. Corrupt files

C. Computer viruses

D. Irreparable computer

Answer: D



Watch Video Solution

94. Full name

CPCB :

A. Central Province Control Board

B. Centralized Pollution and Chemical
Board

C. Central Pollution Control Board

D. Centre for Pollution and Chemical Board

Answer: C



Watch Video Solution

95. A: Biological magnification means increasing concentration of some toxic substance at various trophic levels of a food chain of organisms.

R: Concentration of DDT water is 0.003 ppm.

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

B. Both Assertion and Reason are true but Reason is not a correct explanation of

the Assertion.

C. Assertion is true but Reason is false.

D. Assertion is false but Reason is true.

Answer: C



Watch Video Solution

96. Which of the following statement is true ?

A. As the concentration of CO_2 decreases, greenhouse effect increases.

B. As the concentration of CO_2 increases, greenhouse effect increases.

C. As the concentration of O_2 increases, greenhouse effect increases.

D. As the concentration of O_2 increases, greenhouse effect decreases.

Answer: B



Watch Video Solution

97. Which of the following follows deforestation ?

(A) Changes in regional and global climate.

(B) Decrease in rainfall, forest cover and soil fertility

(C) Increase in soil erosion, amount of CO_2 and temperature.

(D) All of the above.

A. Changes in regional and global climate.

B. Decrease in rainfall, forest cover and soil fertility.

C. Increase in soil erosion, amount of CO_2 and temperature.

D. All of the above.

Answer: D



Watch Video Solution

98. Which of the following is not a character of polymer modified bitumen ?

(A) During summer it had more leakage in road

(B) Does not increase cost of road construction

(C) It has double strength than normal road

(D) It has resistance toward water stagnation.

A. During summer it had more leakage in road

B. Does not increase cost of road construction

C. It has double strength than normal road

D. It has resistance toward water stagnation.

Answer: A



Watch Video Solution

99. Which of the following happens in third phase of waste water treatment ?

A. Water is chlorinated.

B. Smaller particles are filtered out.

C. Organic waste is decomposed using bacterial activity.

D. Nitrates, phosphates etc., are removed from water.

Answer: D



Watch Video Solution

100. Which of the following is false regarding JFM ?

A. A. Village committees are entitled to the benefits from forest products.

B. B. Village committees are co-managers.

C. C. Forest protection committees control access to joint managed forests.

D. D. Govt. of India expanded the JFM programme during 1980s.

Answer: D



Watch Video Solution

101. Easy availability of nutrients in an aquatic habitat is called :

(A) Biological magnification

(B) Overexploitation

(C) Biodiversity

(D) Eutrophication

A. biomagnification

B. eutrophication

C. mutation

D. greenhouse effect

Answer: B



Watch Video Solution

102. Which of the following plays an important role in greenhouse effect?

A. CO_2

B. Long wavelength Infrared rays

C. O_2

D. Both (A) and (B)

Answer: B



Watch Video Solution

103. Which of the following is used to form polymer modified bitumen ?

A. Metals

B. Plastic

C. Paper

D. Color chemicals

Answer: B



Watch Video Solution

104. What is snow-blindness ?

A. Glaucoma

B. Lethal effect of UV-rays in eyes

C. Inflammation of cornea due to high dose
of UV

D. Inflammation of throat.

Answer: C



Watch Video Solution

105. In which part of body DDT is stored ?

A. Skeleton

B. Fat

C. Liver

D. Skin

Answer: B



Watch Video Solution

106. Which of the following is improper phenomenon for deforestation ?

- A. Imbalance in ecosystem
- B. Organisms lose their natural habitat
- C. Chemical cycle is regulated
- D. Organisms are erected

Answer: C



107. Which type of pollution is removed by scrubber method ?

A. NO_2

B. SO_2

C. CO

D. CO_2

Answer: B



108. What size of particles can cause greatest harm to human health ?

- A. 2.5 micrometers or less
- B. 2.5 micrometers or more
- C. 2 micrometers or less
- D. 2 micrometers or more

Answer: A



Watch Video Solution

109. The nuclear waste is deposited in how many meters depth ?

A. 400 meter

B. 500 meter

C. 300 meter

D. 800 meter

Answer: B



Watch Video Solution

110. A : When unwanted substances are added into water they make water impure.

R : The reason behind water pollution is accumulation of plants and animals.

(A) Both A and R are true and R is correct explanation of A

(B) Both A and R are true but R is not correct explanation of A

(C) A is true but R is false.

(D) A is false but R is true. (E) Both A and R are false.

A. Both A and R are true and R is correct explanation of A

B. Both A and R are true but R is not correct explanation of A

C. A is true but R is false.

D. A is false but R is true. (E) Both A and R are false.

Answer: C



Watch Video Solution

111. How many people are died for the conservation of plants and nature ?

A. 250

B. 363

C. 450

D. 150

Answer: B



Watch Video Solution

112. Substances which are harmful to organisms of biosphere are called :

A. Fertilizer

B. Pollution

C. Pollutants

D. Radioisotopes

Answer: C



Watch Video Solution

113. GGCL company provides gas to which cities?

A. Surat, Ahmedabad

B. Surat, Ankleshwar

C. Ahmedabad, Rajkot

D. Ankleshwar, Ahmedabad

Answer: B



Watch Video Solution

114. Which of the following is stopped by ozone layer from reaching the earth ?

A. IR radiations

B. UV radiations

C. γ rays (Gamma rays)

D. β rays (Beta rays)

Answer: B



Watch Video Solution

115. As the Biological Oxygen demand increases

A. Oxygen dissolved in water increases

B. Oxygen dissolved in water decreases

C. Oxygen dissolved in water remains the same

D. Oxygen dissolved in water may increase or decrease depending on population of algae

Answer: B



Watch Video Solution

116. Zooplankton : 0.04 ppm DDT :: Small fishes

:

A. 0.003 ppm

B. 0.05 ppm

C. 0.5 ppm

D. 2 ppm

Answer: C



Watch Video Solution

117. Which of the following problems can be created by nuclear energy ?

- A. Accidental leakage
- B. Disposal of radioactive waste
- C. Both (A) and (B)
- D. None of the above

Answer: C



Watch Video Solution

118. In electrostatic precipitators, electric charge is generated on

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

B. B. Both Assertion and Reason are true
but Reason is not a correct explanation
of the Assertion.

C. C. Assertion is true but Reason is false.

D. D. Assertion is false but Reason is true. .

Answer: C



Watch Video Solution

119. Under JFM, who has the ownership of the land ?

A. A. Village committees

B. B. Government

C. C. Gram panchayats

D. D. Private players

Answer: B



Watch Video Solution

120. Which of the following cannot be associated with deforestation ?

(A) Disturbance in ecological balance.

(B) Increase in the population of carnivores while decrease in the population of herbivores.

(C) Irregularities in biogeochemical cycles.

(D) Organisms lose their habitat and become endangered or extinct.

A. Disturbance in ecological balance.

- B. Increase in the population of carnivores while decrease in the population of herbivores.
- C. Irregularities in biogeochemical cycles.
- D. Organisms lose their habitat and become endangered or extinct.

Answer: B



Watch Video Solution

121. Inflammation of cornea due to high dose of UV is called :

- A. Throat infection
- B. Color blindness
- C. Snow blindness
- D. Spondolitis

Answer: C



Watch Video Solution

122. Which of the following statement is correct for Ozone layer depletion ?

A. At the height of about 50 kms in stratosphere the ozone layer is located.

B. Depletion of 5% in ozone layer can cause a 26% increase in incidence of skin cancer and cataract.

C. One atom of chlorine can decompose 10,00,000 molecule of ozone.

D. High dose of UV cause inflammation of retina called snow blindness.

Answer: A



View Text Solution

123. In which year "Chipko Movement" started ?

(A) 1972

(B) 1973

(C) 1974

(D) 1975

A. Bihar

B. Uttar Pradesh

C. Maharashtra

D. Madhya Pradesh

Answer: B



Watch Video Solution

124. Aquatic weed is

A. Terror of Bengal

B. Terror of Tamil

C. Terror of Begin

D. Terror of Bangla

Answer: C



Watch Video Solution

125. Any undesirable change in physical, chemical or biological characteristics of air, land, water or soil is called :

A. Pollutant

B. Pollution

C. Sewage

D. Harmful substances

Answer: B



Watch Video Solution

126. Make correct pair.

Column - I		Column - II	
(P)	Air pollution	(i)	Chlorinated hydrocarbon
(Q)	Water pollution	(ii)	Deforestation
(R)	Land pollution	(iii)	Pollen

- A. (P-iii), (Q-ii), (R-i)
- B. (P-iii), (Q-i), (R-ii)
- C. (P - ii), (-i), (R-ii)
- D. (P-i), (Q -ii), (R -iii)

Answer: B



Watch Video Solution

127. It is not a features of the polymer waste bitumen mix road :

A. Road strength twice stronger than normal roads.

B. Less blading during summer.

C. It involve extra machinery.

D. It doesn.t increase cost of road construction.

Answer: C



Watch Video Solution

128. In a scrubber, the exhaust is passed through a :

- A. Gas solvent
- B. Hot furnance
- C. Spray of water or lime
- D. Gas absorbent septum

Answer: C



Watch Video Solution

129. Noise pollution is caused by sound of

A. 50 decibels

B. 150 decibels

C. 20 decibels

D. 40 decibels

Answer: B



Watch Video Solution

130. Which of the following is caused by air pollution ?

- A. Reduction in yield of crops
- B. Premature death of plants
- C. Damage to human respiratory system
- D. All of the above

Answer: D



131. What do you mean by Biological Oxygen Demand (BOD) ?

A. Amount of oxygen required to clean polluted water.

B. Amount of oxygen required everyday by human beings.

C. Amount of oxygen required everyday by plants.

D. Amount of oxygen required by microorganisms for decomposition of biodegradable substances.

Answer: D



Watch Video Solution

132. Which of the following happens in third phase of waste water treatment ?

A. Water is chlorinated.

B. Smaller particles are filtered out.

C. Organic waste is decomposed using
bacterial activity.

D. Nitrates, phosphates etc., are removed
from water.

Answer: A



Watch Video Solution

133. Assertion : As the amount of dissolved oxygen in water decreases, BOD increases.

Reason: Microorganisms involved in biodegradation of organic matter requires a lot of dissolved O_2 .

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

B. B. Both Assertion and Reason are true but Reason is not a correct explanation

of the Assertion

C. C. Assertion is true but Reason is false.

D. D. Assertion is false but Reason is true.

Answer: A



Watch Video Solution

134. Find the mismatch pair.

(A) Consumption of fossil fuel - Release of CO_2

(B) Solar energy - Greenhouse effect

(C) Nuclear cleavage - Radioactive waste

(D) Polymer bitumen road - Use of plastic waste

A. Consumption of fossil fuel - Release of



B. Solar energy - Greenhouse effect

C. Nuclear cleavage - Radioactive waste

D. Polymer bitumen road - Use of plastic waste

Answer: B



Watch Video Solution

135. Increase in the concentration of substances at each trophic level of food chain is

- A. Eutrophication
- B. Biomagnification
- C. Environment conservation
- D. Air pollution

Answer: B



Watch Video Solution

136. Which gas is lighter than air?

A. CO_2

B. SO_2

C. CNG

D. CO

Answer: C



Watch Video Solution

137. A: The source of air pollution are natural as well as anthropogenic.

R: Suspended particles in air smoke from chimneys of industrial establishment, volcanic eruption etc are considered natural air pollutants.

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

B. Both Assertion and Reason are true but Reason is not a correct explanation of the Assertion.

C. Assertion is true but Reason is false.

D. Assertion is false but Reason is true. .

Answer: C



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138. Which of the following is incorrect with regard to CNG ?

(A) It burns more efficiently and very little of it is left unburnt.

(B) Visible smoke & odor is not produced.

(C) It can be adulterated easily.

(D) It reduces the chances of cancer.

A. It burns more efficiently and very little of it is left unburnt.

B. Visible smoke & odour is not produced.

C. It can be adulterated easily.

D. It reduces the chances of cancer.

Answer: C



Watch Video Solution

139. Which is the main cause to convert water bodies into land ?

A. A. Eutrophication

B. B. Increase BOD in water

C. C. Dumping of silt and organic waste

D. D. Growing up aquatic plants in water

Answer: C



Watch Video Solution

140. Mark the odd one.

A. CFC

B. N_2O

C. CO_2

D. NO_2

Answer: A



Watch Video Solution

141. Government of India has instituted "Amrita Devi Bishnoi Wildlife Protection Award" for individuals or communities from rural areas that have shown dedication in protecting

A. Sal trees

B. Lions

C. Wildlife

D. Forests

Answer: C



Watch Video Solution

142. Which of the following happens in first phase of waste water treatment ?

A. Very small particles are filtered out.

B. Organic waste is decomposed using bacterial activity.

C. Large suspended substances are filtered out.

D. Water is chlorinated.

Answer: C



Watch Video Solution

143. Anthropogenic Source of Air Pollution :

Fuel consumption :: Natural Source of Air

Pollution :

A. Fossil fuel

B. Industrial source

C. Power station

D. Spread during volcanic eruption

Answer: D



Watch Video Solution

144. Which substance emitted by refrigerators and air conditioners can cause ozone depletion ?

A. A. Argon

B. B. Neon

C. C. Freon

D. D. Helium

Answer: C



Watch Video Solution

145. Who gave the leadership to Sundarlal Bahuguna in Chipko movement ?

A. A. Rajiv Gandhi

B. B. Indira Gandhi

C. C. Sonia Gandhi

D. D. Sanjay Gandhi

Answer: B



Watch Video Solution

146. Who established "Haryana Kisan Welfare Club" ?

(A) Dagar

(B) Dongra

(C) Talsane

(D) Dr. Jadeja

A. Dagar

B. Dongra

C. Talsane

D. Dr. Jadeja

Answer: A



Watch Video Solution

147. What is greenhouse gas ?

A. The long wavelength rays which trap heat

B. It absorbs sun rays and increases the temperature of earth.

C. It absorb sun rays and decreases the temperature of earth.

D. Transparent for the exit of earth.

Answer: A



Watch Video Solution

148. The world.s most problematic aquatic weed : Terror of Bengal :: Large area of thinned Ozone layer : ...

A. Snow-hole

B. Snow-blindness

C. Ozone hole

D. Snow-vision

Answer: C



Watch Video Solution

149. Which of the following is non-biodegradable ?

(A) Plants

(B) Animals

(C) Gases

(D) Iron waste

A. Plants

B. Animals

C. Gases

D. Iron waste

Answer: D



Watch Video Solution

150. Mark the odd one.

A. Terror of Bengal

B. Eutrophication

C. Non-availability of nutrient

D. Population explosion in algae

Answer: C



Watch Video Solution

151. Which of the following statement is correct to control Noise pollution ?

A. Plugging ears by silic wool.

B. Using machine which do not produce sound.

C. Installing sound producing machine in halls.

D. Establishing factories nearby residential areas.

Answer: B



Watch Video Solution

152. Which of the following is a recyclable material

A. Glass

B. Paper

C. Bottles

D. All of the above

Answer: D



Watch Video Solution

153. Mark the odd one.

A. A. Crop rotation

B. B. Plant growth hormone

C. C. Green manure

D. D. Bioinsecticides

Answer: B



Watch Video Solution

154. What is Eutrophication ?

- A. Less nutrients in aquatic habitat.
- B. More nutrients in aquatic habitat.
- C. Less microorganisms in aquatic habitat.
- D. More microorganisms in aquatic habitat.

Answer: B



155. By how much is earth's temperature expected to rise between 1950 and 2020?

(A) $0.1^{\circ} C$

(B) 0.5°

(C) $1^{\circ} C$

(D) $2^{\circ} C$

A. $0.1^{\circ} C$

B. 0.5°

C. $1^{\circ} C$

D. $2^{\circ}C$

Answer: B



Watch Video Solution

156. By which method the measurement of oxygen essential for degradation of organic biodegradable substances in water is made ?

A. BOM

B. COD

C. BOD

D. BOR

Answer: C



Watch Video Solution

157. Assertion : Ozone layer absorbs UV radiations emitting from sunlight and prevents it from reaching the earth.

Reason: Due to continuous addition of Cl^- in the atmosphere, ozone is depleted.

(A) both A and R are true and R is the correct explanation of A

(B) both A and R are true and R is not the correct explanation of A

(C) A is true but R is false

(D) Both A and R are false

A. both .A. and .R. are true and .R. is the correct explanation of .A:

B. both .A. and .R. are true and .R. is not the correct explanation of .A..

C. .A. is true but .R. is false.

D. Both .A. and .R. are false.

Answer: B



Watch Video Solution

158. In electrostatic precipitators, electric charge is generated on

A. Soil particles

B. Particles in smoke

C. Particles of photochemical smog

D. Particles in water

Answer: B



Watch Video Solution

159. Which of the following can be done to control global warming ?

(A) Use of natural gas as an alternative source of energy.

(B) Reduction in deforestation.

(C) Reduction in consumption of fossil fuel.

(D) All of the above.

A. Use of natural gas as an alternative source of energy.

B. Reduction in deforestation.

C. Reduction in consumption of fossil fuel.

D. All of the above.

Answer: D



Watch Video Solution

160. How much particulate Matter pollution can be removed Electrostatic precipitators ?

(A) 60 %

(B) 90 %

(C) 80 %

(D) 70 %

A. 60 %

B. 90 %

C. 80 %

D. 70 % .

Answer: C



Watch Video Solution

161. A: Natural fertilizer is used in organic farming.

R : Ramesh Chandra Dagar used artificial farming.

(A) Both A and R are true and R is correct explanation of A

(B) Both A and R are true but R is not correct explanation of A

(C) A is true but R is false.

(D) A is false but R is true.

A. Both A and R are true and R is correct explanation of A

B. Both A and R are true but R is not correct explanation of A

C. A is true but R is false.

D. A is false but R is true.

Answer: C



Watch Video Solution

162. Which of the following happens in first phase of waste water treatment ?

A. ery small particles are filtered out.

B. Organic waste is decomposed using
bacterial activity

C. Large suspended substances are filtered
out.

D. Water is chlorinated.

Answer: C



Watch Video Solution

163. CPCB: Central Pollution Control Board ::

NIOH : ...

(A) New Institute of Odhavji Hirji

(B) National Institute of Health

(C) National Institute of Occupational Health

(D) Norway Institute of Harvard

A. New Institute of Odhavji Hirji

B. National Institute of Health

C. National Institute of Occupational
Health

D. Norway Institute of Haward

Answer: C



Watch Video Solution

164. Which type of pollution reduces the growth and causes premature death of plants

?

(A) Water pollution

(B) Noise pollution

(C) Air pollution

(D) Soil pollution

A. Water pollution

B. Noise pollution

C. Land pollution

D. Air pollution

Answer: D



Watch Video Solution

165. Which of the following is/are correct?

(i) The .Ecosan. toilets are established in Kerala & Sri Lanka.

(ii) The granite is heat to $160^{\circ}C$ in preparation for polymers-waste-bitumen mix road.

(iii) Ramesh Chandra Dagar has created the Haryana Kisan Welfare Club with a current membership of 3000 farmers.

(iv) 11 % to 20 % increase in area of Shorea robusta forests in West Bengal due to JFM.

A. (i), (ii) & (iv) Only

B. (i) & (iv) only

C. (ii) only

D. (iii) & (iv) only

Answer: B



Watch Video Solution

166. Which of the following is not included in noise pollution ?

A. Cars

B. Crackers

C. Power station

D. Scooters

Answer: C



Watch Video Solution

167. A: DDT is stored in the fat of body.

R: DDT is used as pesticide.

- A. Both A and R are true and R is correct explanation of A
- B. Both A and R are true but R is not correct explanation of A
- C. A is true but R is false.
- D. A is false but R is true.

Answer: B



Watch Video Solution

168. Assertion : City noise is sufficient to deafen people.

Reason : Noise level above 80 decibels gradually leads to permanent loss of hearing ability.

A. both .A. and .R. are true and .R. is the correct explanation of .A..

B. both .A. and .R. are true and .R. is not the correct explanation of .A..

C. .A. is true but .R. is false.

D. Both .A. and .R. are false.

Answer: C



Watch Video Solution

169. Match the column.

Column - A		Column - B	
(1)	1974	(p)	National Forest Policy of India
(2)	1981	(q)	The Water Prevention and Control of Pollution act
(3)	1988	(r)	Pollution Control Systems
(4)	1945	(s)	The Air Prevention and Control of Pollution Act.

A. $(1 \rightarrow s), (2 \rightarrow p), (3 \rightarrow q), (4 \rightarrow r)$

B. $(1 \rightarrow q), (2 \rightarrow s), (3 \rightarrow p), (4 \rightarrow r)$

C. $(1 \rightarrow p), (2 \rightarrow q), (3 \rightarrow s), (4 \rightarrow r)$

D.

$(1 \rightarrow r), (2 \rightarrow s), (3 \rightarrow q), (4 \rightarrow p)$

Answer: B



Watch Video Solution

170. High dose of which of the following can cause snow blindness?

A. IR

B. UV

C. X-rays

D. Gamma rays

Answer: B



Watch Video Solution

171. Which type of pollution is removed by scrubber method ?

A. Nitrous Oxide

B. Carbon dioxide

C. Sulphur dioxide

D. Oxygen

Answer: C



Watch Video Solution

172. Which is the group of green house gases

?

A. O_2 , O_3 , CO_2 , CO

B. NH_3 , NO_2 , NO_3

C. CO_2 , CH_4 , NO_2 , CFC

D. N , O_2 , CO_2 , H_2

Answer: C



Watch Video Solution

173. How much forest area of total land was decreased in the total land in India at the end of twentieth century ?

(A) 17.4 %

(B) 29.4 %

(C) 19.4 %

(D) 9.4 %

A. 17.4 %

B. 29.4 %

C. 19.4 %

D. 9.4 %

Answer: C



Watch Video Solution

174. Which of the following is not a part of organic farming ?

(A) It includes crop rotation.

(B) It uses green manure.

(C) It uses biological pest control to maintain crop productivity.

(D) It includes use of plant hormones, pesticides and manufactured fertilizers.

A. It includes crop rotation.

B. It uses green manure.

C. It uses biological pest control to maintain crop productivity.

D. It includes use of plant hormones, pesticides and manufactured fertilizers.

Answer: D



Watch Video Solution

175. Abiotic degradable pollutants are more toxic because

- A. Of biomagnification
- B. They stay for long time
- C. They never destroy
- D. They are never recycling

Answer: A



Watch Video Solution

176. .Ecosan. toilets are operational in many areas of

A. Kerala

B. Sri Lanka

C. Maldives

D. Both (A) & (B)

Answer: D



Watch Video Solution

177. Which of the following is incorrect regarding radioactive waste ?

- A. They are by-product of nuclear power generator.
- B. It causes problem of accidental leakage.
- C. Cause mutation in living organism
- D. Non-carcinogenic

Answer: D



Watch Video Solution

178. Which of the following is a biodegradable waste?

A. Food and kitchen waste

B. Green waste

C. Paper

D. All of the above

Answer: D



Watch Video Solution

179. Where the Bishnois community has stopped the tree cutting ?

A. Madhya Pradesh

B. Rajasthan

C. Gujarat

D. Uttar Pradesh

Answer: B



Watch Video Solution

180. Which of the following is a recyclable material

A. Glass

B. Paper

C. Bottles

D. All of the above

Answer: D



Watch Video Solution

181. A: Use of plastic waste in construction of flexible pavement is gaining important.

R : Polymer modified bitumen shows better properties for road construction.

A. Both Assertion and Reason are true and

Reason is a correct explanation of the

Assertion.

B. Both Assertion and Reason are true but

Reason is not a correct explanation of

the Assertion.

C. Assertion is true but Reason is false.

D. Assertion is false but Reason is true.

Answer: A



Watch Video Solution

182. Earth average temperature : $15^{\circ}C$::

During 20th Century it increased by :

A. $0.5^{\circ}C$

B. $5^{\circ}C$

C. $0.6^{\circ}C$

D. $15^{\circ}C$

Answer: C



Watch Video Solution

183. A: Irreparable computers and other electronic goods are known as electronic waste (e-waste).

R : More than 50 % of e-waste generated by the developed countries is exported to

developing

(A) Both Assertion and Reason are true and Reason is a correct explanation of the Assertion.

(B) Both Assertion and Reason are true but Reason is not a correct explanation of the Assertion.

(C) Assertion is true but Reason is false.

(D) Assertion is false but Reason is true.
countries.

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

Assertion.

- B. Both Assertion and Reason are true but Reason is not a correct explanation of the Assertion.
- C. Assertion is true but Reason is false.
- D. Assertion is false but Reason is true.

Answer: C



Watch Video Solution

184. Which minerals encourage growth of aquatic organisms?

- A. Ammonia, nitrates, nitrites
- B. Ammonia, Phosphorous, detergents
- C. Nitrites, Potassium, ammonia
- D. None of these

Answer: C



Watch Video Solution

185. It control access to jointly managed forest.

A. Joint management policy

B. Forest protection committees

C. Village committees

D. Local tribal committees

Answer: B



Watch Video Solution

186. Which of the following statement is correct for radioactive waste ?

A. Radioactive wastes are usually by product of nuclear power generation and other applications of nuclear fission or nuclear technology

B. Initially nuclear power generation was not considered as non polluting way of generating electricity.

C. Radiation emitted out from the radioactive waste are dangerous to human being only.

D. Storage of Radioactive waste after pretreatment should be done in suitably shield containers buried 500 ft deep below the earth.s surface.

Answer: A



Watch Video Solution

187. Which pollutant is emitted by petroleum refineries and fertilizer factories ?

A. SO_2

B. CO_2

C. NO_2

D. Both (A) and (C)

Answer: D



Watch Video Solution

188. Which of the following is an example of organic waste ?

A. Radioactive waste

B. Cup, plates

C. Furniture

D. Above all

Answer: C



Watch Video Solution

189. Which of the following is main culprit of ozone depletion ?



Answer: C



Watch Video Solution

190. Mark the odd one.

A. Paper mills, rubber factories

B. Petroleum refineries, fertilizer factories

C. Sugar factories, smelting factories

D. Smelting factories, paper mills

Answer: B



View Text Solution

191. Which gas is more functional in automobiles ?

A. CFC

B. HFC

C. Methane

D. CNG

Answer: D



Watch Video Solution

192. Which of the following is a composite waste ?

A. Waste clothing

B. Toys

C. Waste plastics

D. All of the above

Answer: D



Watch Video Solution

193. Match the column.

Column - A		Column - B	
(1)	UV-rays	p.	Biological magnification
(2)	Biodegradable	q.	Eutrophication organic
(3)	DDT	r.	Snow-blindness
(4)	Phosphate	s.	BOD

A. $(1 \rightarrow q), (2 \rightarrow p), (3 \rightarrow s), (4 \rightarrow r)$

B. $(1 \rightarrow r), (2 \rightarrow s), (3 \rightarrow p), (4 \rightarrow q)$

C. $(1 \rightarrow r), (2 \rightarrow p), (3 \rightarrow s), (4 \rightarrow q)$

D. $(1 \rightarrow r), (2 \rightarrow p), (3 \rightarrow s), (4 \rightarrow q)$

Answer: B



Watch Video Solution

194. What is earth.s average temperature ?

A. $15^{\circ} C$

B. $16^{\circ} C$

C. $17^{\circ} C$

D. $18^{\circ} C$

Answer: A



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195. On which date BHARAT STAGE III was implemented in the city of Ahmedabad and Surat ?

(A) April 1, 2008

(B) April 1, 2007

(C) April 1, 2006

(D) April 1, 2005

A. April 1, 2008

B. April 1, 2007

C. April 1, 2006

D. April 1, 2005

Answer: D



Watch Video Solution

196. Which one of the following diseases is not caused due to contamination of water ?

(A) Hepatitis-B

(B) Jaundice

(C) Cholera

(D) Typhoid

A. Polio

B. Hepatites

C. Cholera

D. Typhoid

Answer: A



Watch Video Solution

197. Which type of pollution reduces the growth and causes premature death of plants

?

(A) Water pollution

(B) Noise pollution

(C) Air pollution

(D) Soil pollution

A. Water pollution

B. Noise pollution

C. Air pollution

D. Soil pollution

Answer: C



Watch Video Solution

198. Which of the following is associated with "Chipko Andolan" ?

(A) Amrita Devi

(B) Bishnoi

(C) Sunderlal Bahuguna

(D) Megha Patkar

A. Amrita Devi

B. Bishnoi

C. Sunderlal Bahuguna

D. Megha Patkar

Answer: C



Watch Video Solution

199. By which unit intensity of air pollutants are measured ?

A. Gram/ Cm^3

B. Microgram/Meter³

C. Miligram/meter³

D. Miligram/Kilometer³ .

Answer: B



Watch Video Solution

200. Assertion : Radioactive pollution may affect the future generation.

Reason: Radioactive pollution causes mutations which can affect the progeny.

(A) both .A. and .R. are true and .R. is the correct explanation of .A..

(B) both .X. and .R. are true and .R. is not the correct explanation of .A..

(C) A is true but R is false.

(D) Both A and R are false.

A. both A and R are true and R is the correct explanation of A .

B. both X and R are true and R is not the correct explanation of A .

C. A is true but R is false.

D. Both A and R are false.

Answer: A



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201. Photochemical smog is the product of

.....

- (A) ozone reaction
- (B) soil contamination
- (C) water contamination
- (D) automobiles

A. ozone reaction

B. soil contamination

C. water contamination

D. automobiles

Answer: D



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202. Bio-magnification is a in the amount of substance in tropic level of food chain ?

- (A) Decrease
- (B) Little bit change
- (C) Increase
- (D) No change

A. Decrease

B. Little bit change

C. Increase

D. No change

Answer: C



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203. Which of the following statement is incorrect?

(A) Dissolved oxygen increases, BOD decreases

(B) Dissolved oxygen decreases, BOD increases

(C) Dissolved oxygen increases, BOD increases

(D) None of the above.

A. Dissolved oxygen increases, BOD decreases

B. Dissolved oxygen decreases, BOD increases

C. Dissolved oxygen increases, BOD increases

D. None of the above.

Answer: C



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204. How much mountain area is required according to NFPI?

A. 47 %

B. 57 %

C. 56 %

D. 67 %

Answer: D



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205. Eutrophication is a

A. Living facility of animals in aquatic habitat.

B. Reproductive facility of animals in aquatic habitat.

C. Respiratory facility of animals in aquatic habitat.

D. Nutrient facility of animals in aquatic habitat.

Answer: D



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206. Slash and burn agriculture means

(A) agriculture on desert land

(B) jhum cultivation

(C) cultivation on hills

(D) reforestation

A. agriculture on desert land

B. jhum cultivation

C. cultivation on hills

D. reforestation

Answer: B



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207. What is terror of Bengal?

A. *Abrus precatorius*

B. *Eichhomia azurea*

C. *Echinodorus cordifolius*

D. *Eichhornia crassipes*

Answer: D



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208. Which chemical is emerging as one of the important construction materials for flexible pavement ?

(A) Butanol

(B) Ethanol

(C) Bitumen

(D) Acetone

A. Butanol

B. Ethanol

C. Bitumen

D. Acetone

Answer: C



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Section F Multiple Choice Question Mcqs Mcqs Asked In Competitive Exam

1. Kyoto Protocol was endorsed at

(A) COP-3

(B) COP-5

(C) COP-6

(D) COP-4

A. COP-3

B. COP-5

C. COP-6

D. COP-4

Answer: A



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2. The Air Prevention and Control of Pollution

Act came into force in

(A) 1990

(B) 1975

(C) 1981

(D) 1985

A. 1990

B. 1975

C. 1981

D. 1985

Answer: C



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3. Global warming can be controlled by

(A) Reducing deforestation, cutting down use of fossil fuel

(B) Reducing reforestation, increasing the use of fossil fuel

(C) Increasing deforestation, slowing down the growth of human population

(D) Increasing deforestation, reducing efficiency of energy usage

A. Reducing deforestation, cutting down use of fossil fuel

B. Reducing reforestation, increasing the use of fossil fuel

C. Increasing deforestation, slowing down the growth of human population

D. Increasing deforestation, reducing efficiency of energy usage

Answer: A



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4. A scrubber in the exhaust of a chemical industrial plant removes

(A) Gases like sulphur dioxide

(B) Particulate matter of the size 5 micrometer or above

(C) Gases like ozone and methane

(D) Particulate matter of the size 2.5 micrometer or less

A. Gases like sulphur dioxide

B. Particulate matter of the size 5
micrometer or above

C. Gases like ozone and methane

D. Particulate matter of the size 2.5
micrometer or less

Answer: A



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5. The zone of atmosphere in which the ozone layer is present is called

A. ionosphere

B. mesosphere

C. stratosphere

D. troposphere

Answer: C



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6. The UN conference of Parties on climate change in the year 2012 was held at

(A) Durban

(B) Doha

(C) Lima

(D) Warsaw

A. Durban

B. Doha

C. Lima

D. Warsaw

Answer: B



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7. Eutrophication of water bodies leading to killing of fishes is mainly due to non-availability of

(A) food

(B) light

(C) essential minerals

(D) oxygen

A. food

B. light

C. essential minerals

D. oxygen

Answer: D



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8. Acid rain is caused by increase in the atmospheric concentration of

(A) SO_2 and NO_2

(B) SO_3 and CO

(C) CO_2 and CO

(D) O_3 and dust

A. SO_2 and NO_2

B. SO_3 and CO

C. CO_2 and CO

D. O_3 and dust

Answer: A



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9. Which of the following are most suitable indicators of sulphur dioxide pollution in the environment ?

(A) Lichens

(B) Conifers

(C) Algae

(D) Fungi

A. Lichens

B. Conifers

C. Algae

D. Fungi

Answer: A



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10. Increase in concentration of the toxicant at successive trophic levels is known as

- (A) biomagnification
- (B) biodeterioration
- (C) biotransformation
- (D) biogeochemical cycling

A. biomagnification

B. biodeterioration

C. biotransformation

D. biogeochemical cycling

Answer: A



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11. A lake which is rich in organic waste may result in

(A) increased population of aquatic organisms due to minerals

(B) drying of the lake due to algal bloom

(C) increased population of fish due to lots of nutrients

(D) mortality of fish due to lack of oxygen

A. increased population of aquatic organisms due to minerals

B. drying of the lake due to algal bloom

C. increased population of fish due to lots of nutrients

D. mortality of fish due to lack of oxygen

Answer: D



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12. The highest DDT concentration in aquatic food chain shall occur in

A. phytoplankton

B. seagull

C. crab

D. eel

Answer: B



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13. Depletion of which gas in the atmosphere can lead to an increased incidence of skin cancers

A. ozone

B. ammonia

C. methane

D. nitrous oxide

Answer: A



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14. Which one of the following statements is not valid for aerosols ?

(A) They are harmful to human health

(B) They alter rainfall and monsoon patterns

(C) They cause increased agricultural productivity

(D) They have negative impact on agricultural land

A. They are harmful to human health

B. They alter rainfall and monsoon patterns

C. They cause increased agricultural productivity

D. They have negative impact on agricultural land

Answer: C



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15. Match the items given in Column - I with those in Column - II and select the correct option given below:

Column - I		Column - II	
(a)	Eutrophication	(i)	UV - B radiation
(b)	Sanitary landfill	(ii)	Deforestation
(c)	Snow blindness	(iii)	Nutrient enrichment
(d)	Jhum cultivation	(iv)	Waste disposal

- (A) (a - i) (b - ii) (c- iv) (d - iii)
- (B) (a - ii) (b - i) (c- iii) (d -iv)
- (C) (a - iii) (b - iv) (c - i) (d - ii)
- (D) (a - i) (b - iii) (c - iv) (d - ii)

A. (a - i) (b - ii) (c- iv) (d - iii)

B. (a - ii) (b - i) (c- iii) (d -iv)

C. (a - iii) (b - iv) (ci) (d - i)

D. (a - i) (b - iii) (c - iv) (d - ii)

Answer: C



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16. World Ozone Day is celebrated on

A. 22nd April

B. 5th June

C. 16th September

D. 21st April

Answer: C



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17. In stratosphere, which of the following elements acts as a catalyst in degradation of ozone and release of molecular oxygen ?

(A) Oxygen

(B) Carbon

(C) Fe

(D) Cl

A. Oxygen

B. Carbon

C. Fe

D. Cl

Answer: D



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18. Which of the following is a secondary pollutant ?

A. O_3

B. CO

C. SO_2

D. CO_2

Answer: A



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19. Which of these following methods is the most suitable for disposal of nuclear waste ?

A. Shoot the waste into space

B. Bury the waste under Antarctic ice-cover

C. Dump the waste within rocks under deep ocean

D. Bury the waste within rocks deep below the Earth's surface

Answer: D



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20. Which of the following pairs of gases is mainly responsible for green house effect ?

- (A) Ozone and Ammonia
- (B) Oxygen and Nitrogen
- (C) Nitrogen and Sulphur dioxide
- (D) Carbon dioxide and Methane

A. Ozone and Ammonia

B. Oxygen and Nitrogen

C. Nitrogen and Sulphur dioxide

D. Carbon dioxide and Methane

Answer: D



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21. Which of the following protocols did aim for reducing emission of chlorofluorocarbons into the atmosphere?

(A) Montreal protocol

(B) Kyoto protocol

(C) Gothenburg protocol

(D) Geneva protocol

A. Montreal protocol

B. Kyoto protocol

C. Gothenburg protocol .

D. Geneva protocol

Answer: A



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22. Polyblend, a fine powder of recycled modified plastic, has proved to be a good material for :

- (A) making plastic sacks
- (B) use as a fertilizer
- (C) construction of roads
- (D) making tubes and pipes

A. making plastic sacks

B. use as a fertilizer

C. construction of roads

D. making tubes and pipes

Answer: C



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