



PERL EDUCATION

PRIMARY EDUCATION & RIGHTEOUSNESS LEARNING

ALUMNI OF IITs / NITs

JEE - 2021 RESULT



NISHIT PODAR
IIT



YASHODHAN SONUNE
NIT



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NIT

NEET - 2021 RESULT



SHREYA MULEY
AIIMS



VIDISHA JOSHI
AIIMS

Ch - 13 : Pollution

OUR ICSE - 10th TOPPERS



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Syed Fawaz
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QUESTIONS

Short Questions

Question 1: What is pollution ?

Question 2: Name the major pollutants of air.

Question 3: How can be control air pollution ?

Question 4: Describe the **impact of air pollution** ?

Question 5: What is water pollution ?

Question 6: List the cause of **water pollution**.

Question 7: What are some types of pollutants found in water ?

Question 8: How could warm water act as a pollutant ?

Question 9: Describe some ways that industry and agriculture can help lessens pollution ?

Question 10: How is soil pollution caused ?

Question 11: What is the **effect of pollution on soil** ?

Question 12: What are the adverse **effects of oil spill** ?

Question 13: What is radioactivity ?

Question 14: What is the effect of radiation on health ?

Question 15: Discuss the health hazards associated with the pollution.

Question 16: What are the health effects of Carbon Monoxide ?

Question 17: Why is pollution prevention important ?

Question 18: What is acid rain ?

Question 19: What are the effects of acid rain ?

Question 20: What causes acidic deposition ?

Question 21: What is Ozone ?

Question 22: What are CFC's?

Question 23: Discuss in detail the process of **ozone depletion**.

Question 24: Is ozone depletion related to global warming ?

Question 25: What is the difference between stratospheric and ground level ozone ?

Question 26: What is greenhouse effect and how is it caused ?

Question 27: What is the effects of **global warming** ?

Give Reasons

Question 1: Use of CFCs is banned in some countries.

Question 2: It is advised to use electrostatic precipitators in the chimneys.

Question 3: It is mandatory to take a pollution certificate for the vehicles from the Traffic Police.

Question 4: Use of pressure horn is prohibited in certain places.

Give Reasons

Question 1: Use of CFCs is banned in some countries.

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Explain the Terms

Question:

1. Noise pollution
2. Pollution
3. Pollutant
4. Particulate pollutant
5. smog
6. bio-fertilizers
7. Manure
8. Decibel
9. Ammonification
10. Nitrification

Question:

1. Name three greenhouse gases.
2. A natural phenomenon that becomes harmful due to pollution.
3. Which Gas is present in large amount in the upper part of stratosphere.
4. Number of Oxygen atom in Ozone.
5. The gas that leads to the reduction in the oxygen.
6. The chemicals leading to the formation of ozone holes.
7. Acid rainfall is involved with the (decreased, increased, normal) acidity in rivers, destroying aquatic animals.
8. The gases which mainly contribute to acid rain.
9. Name three monuments affected by acid rain.
10. What are 3 types of industrial pollutants ?
11. Use of which fuel in vehicle reduces pollution.
12. The pollution caused due to use of pesticides in agriculture.
13. Two chemical fertilizers.
14. Name one non-degradable pollutant.
15. A bio-fertilizer.
16. What acts as a storage reservoir for water and other plant nutrients.
17. A free living bacteria which helps in nitrogen fixation.
18. A symbiotic bacteria.
19. Bacteria breaking down dead organisms to liberate nitrogen.
20. List the three major sources of water pollution ?
21. A combination of smoke and fog.
22. The UV rays cause (genetic, mentally, physical) disorders which ultimately affect heredity.

Complete the following sentences with appropriate words :

1. Global warming is caused due to _____ concentration of CO₂ in air.
2. Burning of coal and diesel releases _____
3. Petrol engine gives off gaseous oxides of _____
4. Acid rain is caused by oxides of _____ & _____
5. The _____ is the layer of the atmosphere that contains the protective ozone layer.
6. Chemicals intended to kill insects and other organisms that damage crops called _____
7. Rain that is more acidic than normal is called _____
8. The release of hot water into rivers causes Water _____
9. Sewage is the source of _____ pollution.
10. Drinking polluted water causes diseases like _____ and _____.
11. Noise pollution causes Hearing impairment and _____.
12. _____ is manmade compounds that have been widely used as refrigerants and in spray propellants and foam blowing.

True & False**Mention, if the following statements are True or False. If false rewrite the wrong statement in its correct form:**

1. The average home creates more pollution then does the average car.
2. Sources of groundwater pollution include leaking sewer lines, pumping wells, landfills, fertilizer, and sludge.
3. The only health effect of ground-level ozone pollution is coughing.
4. Ozone in the Troposphere is a harmful pollutant.
5. Indoor pollution is 10 times more toxic than outdoor pollution.
6. Benzene, chloroform, and vinyl chloride are so-called inorganic pollutants.
7. When air is polluted, you can always see and smell it.
8. Acid precipitation is created by reactions in the atmosphere, and can fall many miles from where pollution originated.

Question:

1. The pollutant which reduces the oxygen carrying capacity of blood.
2. The gas which mainly contributes to causing acid rains.
3. Air pollutant released in the exhaust fumes of moto vehicles.
4. The chemical element which caused the minimata disease in Japan.
5. The pollution chiefly due to use of pesticides in agriculture.
6. The bioindicator of pollution.
7. Bacteria breaking down dead organisms to liberate nitrogen.
8. The chemicals leading to the formation of ozone holes.
9. A free living nitrogen fixing blue-green alga. .
10. The limit of the noise when it can be said to be causing pollution.
11. Any non-biodegradable pollutant.

Match the Column

Column 'II' is a list of items related to ideas in Column 'I'. Match the term in Column 'II' with the suitable idea given in Column 'I'.

Column I	Column II
(i) SPM	(a) Release of methane
(ii) Ozone hole	(b) Add to greenhouse effect
(iii) Melting of polar ice	(c) Affects oxygen transport by blood
(iv) Acid rain	(d) Rise in sea level
(v) Green house effect	(e) Bronchitis & inflammation of the lungs
(vi) Melting of permafrost	(f) Erodes of buildings
(vii) Carbon monoxide	(g) Chlorofluorocarbons