



KINETICS

We Nurture The Future

IIT-JEE | Medical | Foundations

Pollution of Air and Water

Question 1.

CFC is:

- (a) Chloro fluoro carbon
- (b) Carbon fluo ro carbon
- (c) Carbon fourme carbon
- (d) Carbon fluoro chloro.

▼ [Answer](#)

(a) Chloro fluoro carbon

CFC is Chloro fluoro carbon.

Question 2.

The reason for greenhouse effect is:

- (a) Decrease in quantity of CO_2 in atmosphere
- (b) Increase in quantity of CO_2 in atmosphere
- (c) Decrease in quantity of oxygen in atmosphere
- (d) Increase in quantity of oxygen in atmosphere

▼ [Answer](#)

(b) Increase in quantity of CO_2 in atmosphere

The reason for greenhouse effect is increase in quantity of CO_2 in atmosphere.

Question 3.

The gas depleting ozone layer is:

- (a) Nitrogen.
- (b) Oxygen
- (c) CFC
- (d) Carbon dioxide

▼ [Answer](#)

(b) Oxygen

The gas depleting ozone layer is CFC.

Question 4.

The greenhouse effect gas is:

- (a) CO_2
- (b) Methane
- (c) CFC
- (d) All of these

▼ [Answer](#)

(d) All of these

The greenhouse effect gas is CO₂, methane and CFC.

Question 5.

Better fuel is:

- (a) Peton
- (b) Diesel
- (c) Coal
- (d) CNG

▼ [Answer](#)

(d) CNG

Better fuel is CNG .

Question 6.

The following gas is not an air pollutant:

- (a) Carbon dioxide
- (b) Oxides of nitrogen
- (c) Sulphur dioxide
- (d) Oxygen

▼ [Answer](#)

(d) Oxygen

Oxygen gas is not an air pollutant.

Question 7.

The following gas forms acid rain:

- (a) Carbandioxide
- (b) Ozone
- (c) Sulphur dioxide
- (d) Carbon monoxide

▼ [Answer](#)

(c) Sulphur dioxide

Sulphur dioxide gas forms acid rain.

Question 8.

Which of the following Is not a pollutant unless present in excess:

- (a) Nitrogen dioxide
- (b) Carbon dioxide
- (c) Carbon monoxide
- (d) Sulphur dioxide

▼ [Answer](#)

(b) Carbon dioxide

Carbon dioxide is not a pollutant unless present in excess.

Question 9.

Which of the following is not a greenhouse gas:

- (a) Carbon dioxide
- (b) Sulphur dioxide
- (c) Methane
- (d) Nitrogen

▼ [Answer](#)

(d) Nitrogen

Nitrogen is not a greenhouse gas. Carbon dioxide, sulphur dioxide, methane are greenhouse gases.

Question 10.

Addition of harmful and poisonous substances in our environment is called:

- (a) Population
- (b) Pollution
- (c) Purification
- (d) None of these

▼ [Answer](#)

(b) Pollution

Pollution is addition of harmful and poisonous substances in our environment.

Question 11.

A poisonous gas emitted by Mathura Refinery and other industries in and around Taj which cause acid rain is:

- (a) Carbon monoxide
- (b) Methane
- (c) Sulphur dioxide
- (d) Oxygen

▼ [Answer](#)

(c) Sulphur dioxide

Sulphur dioxide is a poisonous gas emitted by Mathura Refinery and other industries in and around Taj which cause acid rain.

Question 12.

The Taj Mahal is being effected due to:

- (a) Air pollution
- (b) Water pollution

- (c) Noise pollution
- (d) None of these

▼ [Answer](#)

- (a) Air pollution
- Air pollution effects Taj Mahal.
-

Question 13.

Potable water is the one that is:

- (a) Kept in a pot
- (b) Fit to drink
- (c) Not fit to drink
- (d) None of these

▼ [Answer](#)

- (b) Fit to drink
- Potable water is the one that the fit to drink.
-

Question 14.

Corrosion of marble is also called:

- (a) Marbleerrosion
- (b) Marble cancer
- (c) Marble disorder
- (d) Marble disease

▼ [Answer](#)

- (b) Marble cancer
- Corrosion of marble is also called marble cancer.
-

Question 15.

Smog is made up of:

- (a) Smog and oxygen
- (b) Sulphur dioxide and fog
- (c) Smog and fog
- (d) None of these

▼ [Answer](#)

- (c) Smog and fog
- Smog is made up of smog and fog.
-

Question 16.

Trapping of unescapable radiations of sun in Earth's environment is called:

- (a) Earth warming
- (b) Greenhouse warming

- (c) Greenhouse effect
- (d) None of these

▼ [Answer](#)

(c) Greenhouse effect
Greenhouse effect is trapping of unescapable radiations of sun in Earth's environment.

Question 17.

Bhopal tragedy was caused due to:

- (a) Air pollution
- (b) Leakage of poisonous gas
- (c) Waterpollution
- (d) Noisepolution

▼ [Answer](#)

(b) Leakage of poisonous gas
Bhopal tragedy was caused due to leakage of poisonous gas.

Question 18.

The disease caused due to contamination of water is:

- (a) Cholera
- (b) Lung Cancer
- (c) Rabies
- (d) Polio

▼ [Answer](#)

(a) Cholera
Cholera is caused due to contamination of water.

Question 19.

Air pollution cause:

- (a) Respiratory diseases
- (b) Global warming
- (c) Both (a) and (b)
- (d) None of these

▼ [Answer](#)

(c) Both (a) and (b)
Air pollution cause respiratory diseases and global warming.

Question 20.

Incomplete burning of fuels produces:

- (a) Carbon dioxide
- (b) Carbon particles

- (c) Carbon monoxide
- (d) None of these

▼ [Answer](#)

(c) Carbon monoxide
Incomplete burning of fuels produces carbon monoxide.

Question 21.

Carbon monoxide:

- (a) reduces the carbon dioxide – carrying capacity of the blood
- (b) reduces the oxygen – carrying capacity of the blood
- (c) increase the oxygen – carrying capacity of the blood
- (d) None of these

▼ [Answer](#)

(b) reduces the oxygen – carrying capacity of the blood
Carbon monoxide reduces the oxygen – carrying capacity of the blood.

Question 22.

Ozone layer protect us from:

- (a) Infrared rays
- (b) Ultraviolet rays
- (c) White light of sun
- (d) None of these

▼ [Answer](#)

(b) Ultraviolet rays
Ozone layer protect us from ultraviolet rays.

Question 23.

Deforestation leads to an increase in the amount of in the air.

- (a) Carbon monoxide
- (b) Nitrogen dioxide
- (c) Sulphur dioxide
- (d) Carbon dioxide

▼ [Answer](#)

(d) Carbon dioxide
Deforestation leads to an increase in the amount of carbon dioxide in the air.

Question 24.

Gangotri glacier in the Himabyaslias started melting because of:

- (a) More rain
- (b) Less snow

- (c) Global warming
- (d) None of these

▼ [Answer](#)

(c) Global warming
Gangotri glacier in the Himalayas has started melting because of global

Question 25.

Instead of the fossil fuels for our energy requirements we can use :

- (a) Solar energy
- (b) Hydropower
- (c) Wind energy
- (d) All of these

▼ [Answer](#)

(d) All of these
Instead of the fossil fuels for our every requirements we can use solar energy, hydropower, wind energy.

Question 26.

Ganga Action Plan was launched in:

- (a) 1985
- (b) 1986
- (c) 1995
- (d) 1958

▼ [Answer](#)

(a) 1985
Ganga Action Plan was launched in 1985.

Question 27.

Water pollution is mainly caused by:

- (a) Vehicular fumes
- (b) Discharging toxic chemical wastes into the river
- (c) Washing of clothes in the river
- (d) None of these

▼ [Answer](#)

(b) Discharging toxic chemical wastes into the river
Water pollution is mainly caused by discharging toxic chemical wastes into the

Question 28.

Chemical method used for purifying water is:

- (a) Boiling

- (b) Using filter
- (c) Chlorination
- (d) All of these

▼ [Answer](#)

- (c) Chlorination

Chlorination is the chemical method used for purifying water.

Question 29.

Particulate matter is the:

- (a) Moisture in the air
- (b) Solid particles in the air
- (c) Solid particles in soil
- (d) Solid particles in water

▼ [Answer](#)

- (b) Solid particles in the air

Particulate matter is the solid particles in the air.

Question 30.

Epidemics such as typhoid and jaundice are caused by:

- (a) Metals
- (b) Toxic chemicals
- (c) Micro-organisms
- (d) Dissolved salts

▼ [Answer](#)

- (b) Toxic chemicals

Epidemics such as typhoid and jaundice are caused by toxic chemicals.

[Match the Column-A with Column-B:](#)

Question 1.

Column-A	Column-B
(a) Pollutants	(i) Water pollution
(b) Carbon dioxide	(ii) Sulphuric acid and nitric acid
(c) CNG and LPG	(iii) Pollution
(d) Acid rain	(iv) Greenhouse gas
(e) Untreated sewage and garbage	(v) Pollution free fuel

▼ [Answer](#)

Column-A	Column-B
(a) Pollutants	(iii) Pollution
(b) Carbon dioxide	(iv) Greenhouse gas
(c) CNG and LPG	(v) Pollution free fuel
(d) Acid rain	(ii) Sulphuric acid and nitric acid
(e) Untreated sewage and garbage	(i) Water pollution

Question 2.

Column-A	Column-B
(a) Sulphur dioxide	(i) Purification of water
(b) Carbon monoxide	(ii) Global warming
(c) Melting of glaciers	(iii) Damage ozone layer
(d) Chlorination	(iv) Air pollution
(e) Chlorofluorocarbon	(v) Incomplete combustion of fuel

▼ Answer

Column-A	Column-B
(a) Sulphur dioxide	(iv) Air pollution
(b) Carbon monoxide	(v) Incomplete combustion of fuel
(c) Melting of glaciers	(ii) Global warming
(d) Chlorination	(i) Purification of water
(e) Chlorofluorocarbon	(iii) Damage ozone layer

Question 3.

Column-A	Column-B
(a) The mantra for saving water is	(i) acid rain
(b) Excessive quantities of chemicals getting washed from fields and reaching ponds	(ii) Van Mahotsava
(c) Lakhs of trees are planted in July every year	(iii) reduce, reuse and recycle
(d) The white marble of Taj Mahal is discolouring	(iv) helps algae to flourish

▼ Answer

Column-A	Column-B
(a) The mantra for saving water is	(iii) reduce, reuse and

	recycle
(b) Excessive quantities of chemicals getting washed from fields and reaching ponds	(iv) helps algae to flourish
(c) Lakhs of trees are planted in July every year	(ii) Van Mahotsava
(d) The white marble of Taj Mahal is discolouring	(i) acid rain

State whether the following statements are True or False:

Question 1.

CNG contain sulphur which forms sulphur dioxide upon burning.

▼ [Answer](#)

False

Question 2.

CO₂ is very good to absorbing the sun's heat.

▼ [Answer](#)

True

Question 3.

There are no alternatives for fossil fuels.

▼ [Answer](#)

False

Question 4.

Water pollution is caused by the smoke given out by factories.

▼ [Answer](#)

False

Question 5.

Waste water from agricultural land do not cause water pollution.

▼ [Answer](#)

False

Question 6.

Carbon dioxide, ozone, methane and water vapour are all greenhouse gases.

▼ [Answer](#)

False

Question 7.

Infants in the same room with a smoker are exposed to indoor air pollution.

▼ [Answer](#)

True

Question 8.

Breathing in of suspended particulate matter is not as harmful as the breathing of CO₂.

▼ [Answer](#)

False

Question 9.

Global warming is gradual increase in the temperature of the Earth, due to excess carbon dioxide present in the atmosphere.

▼ [Answer](#)

True

Question 10.

Potable water is free from germs and impurities and is fit for drinking.

▼ [Answer](#)

True

Question 11.

Algae bloom provides a rich source of oxygen for the water body that helps aquatic plants and animals.

▼ [Answer](#)

True

Question 12.

Ozone layer protects us from harmful infrared rays of the sun.

▼ [Answer](#)

False

Question 13.

Carbon monoxide reduces the oxygen – carrying capacity of the blood.

▼ [Answer](#)

True

Question 14.

It is advisable to bum dry leaves.

▼ [Answer](#)

False

[Fill in the blanks:](#)

Question 1.

Substances causing pollution are called

▼ [Answer](#)

pollutants

Question 2.

..... is formed when acids fall with rain water.

▼ [Answer](#)

Acid rain

Question 3.

The major components of air are (78%) and (21%).

▼ [Answer](#)

nitrogen, oxygen

Question 4.

When a forest fuel bums in insufficient amount of air, is formed.

▼ [Answer](#)

carbon monoxide

Question 5.

The mixture of smoke and fog is called

▼ [Answer](#)

smog

smog

Question 6.

Cholera is a borne disease.

▼ [Answer](#)

water

Question 7.

..... of fuels in vehicles cause smoke.

▼ [Answer](#)

Incomplete combustion

Question 8.

Green substance seen on the .surface of water in ponds is

▼ [Answer](#)

Algae

Question 9.

Water that can be consumed by humans without concerns for adverse health effects is called water.

▼ [Answer](#)

potable

Question 10.

CFC's cause depletion of the layer.

▼ [Answer](#)

ozone

Question 11.

Sewage should be before releasing in water.

▼ [Answer](#)

treated

Question 12.

Two greenhouse gases are and

▼ [Answer](#)

CO₂ and methane

Question 13.

Algae can be used to produce oxygen by the process.

▼ [Answer](#)

photosynthesis

Question 14.

Bacteria feeding on dead algae make water deficient in

▼ [Answer](#)

oxygen

Question 15.

Two clean fuels are and

▼ [Answer](#)

CNG and LPG

Question 16.

Ganga Action Plan was to reduce the levels in the river.

▼ [Answer](#)

pollution

Question 17.

LPG is

▼ [Answer](#)

Liquified Petroluem Gas

Question 18.

CNG is

▼ [Answer](#)

Compressed Natural Gas

Question 19.

Deforestation leads to an increase in the amount of

▼ [Answer](#)

Carbon dioxide
