

**Question
No**

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- 1 ----- gas that is harmful to breathe
- 2 Ozone absorbs a band of ultraviolet radiation called -----
- 3 Troposphere occurs between the distance of -----km from the earth
- 4 Stratosphere occurs between the distance of -----km from the earth
- 5 Mesosphere occurs between the distance of -----km from the earth
- 6 Thermosphere occurs between the distance of -----km from the earth
- 7 India signed in the Montreal protocol during the year of -----
- 8 India banned the use of CFC during the year of -----
- 9 ----- is the symbolic representation for the formation of Ozone layer
- 10 Ozone layer depletion, is simply the wearing out (reduction) of the amount of -----in the stratosphere
- 11 Conduction is the process by which heat energy is transmitted through contact with -----
- 12 -----transmits heat by transporting groups of molecules from place to place within a substance.
- 13 The composition of CO₂, Methane, Water Vapor, Nitrous oxide, Fluorinated compounds are known as ----- Gases.
- 14 The phenomenon of incoming solar radiation (energy from the Sun) that reaches Earth is known as -----
- 15 The ----- effect is Process by which atmosphere gases absorb heat energy from the sun and prevent heat from leaving our atmosphere.
- 16 Ability of atmosphere to retain its position is said as -----
- 17 ----- action represents the change in temperature with the elevation
- 18 ----- is the measure of thermal or internal energy of the molecules within an object or gas.
- 19 Stratosphere holds about ----- % of total mass of the atmosphere and it contains only a very small amount of water vapour.
- 20 -----layer is the coldest region of Earth's atmosphere, whereas the temperature is around -100 °C.
- 21 The temperature in the troposphere usually decreases with height at the average lapse rate of ----- per kilometer.
- 22 The bottom part of the stratosphere experiences an -----of temperature due to the fact that the sun's ultraviolet radiation is absorbed by the ozone layer.
- 23 There are two types of inversions -----and ----- and each corresponds to a different impact.
- 24 -----temperature inversions occur high above the surface of the planet.
- 25 The composition of Air comprises of -----, ----- & ----- gases.
- 26 The atmosphere is the blanket of ----- that surrounds the earth

----- is a change which is attributed directly or indirectly to human activity that alters the composition of global atmosphere and which is in addition to natural climate variability observed over comparative time periods.

----- occurs when carbon dioxide gas (or CO₂) is absorbed by the ocean and reacts with seawater to produce acid.

Most human exposure to flood is in -----

Due to the climate change, Global average sea level rose at an average rate of ----- per year over 1961 to 2003.

Exosphere occurs between the distance of -----km from the earth

The breaking up of CFC's releases -----atoms

O₂ + O → -----

Ozone is concentrated in the lower stratosphere between 15 and 30 km above the earth's surface – the so-called '----- layer'.

Radiation is the transfer of heat energy without the involvement of a physical substance in the-----.

Greenhouse gases ----- the troposphere and ----- the stratosphere

An increase in the average temperature of the Earth's atmosphere and ocean, this phenomenon is known as -----

Due to Global warming, Global surface temperature could rise -----in the next fifty years, and ----- in the next century

-----measures the 'heaviness' of an object or how closely 'packed' the substance is.

----- is the force exerted over a given area or object, either because of gravity pulling on it or other motion the object has.

----- is a measure of the amount of moisture in the air.

The lowest major atmospheric layer is the -----, extending from the Earth's surface to the tropopause

Troposphere contains about ----- % of total mass of the atmosphere, nearly all water vapour and dust particles can be found here.

-----temperature inversions occur directly above the earth's surface, in the lower troposphere.

The outermost skin of the earth is -----

-----inversions are responsible for producing smog, trapping the pollutants produced by vehicles, fires and industrial activities.

Due to the climate change, greater demand for (quality) food; yields need to increase by ----- by the year of 2030

----- is the development that minimizes the harm caused by climate impacts, while maximizing the many human development opportunities presented by low emissions, more resilient future

----- is defined as a "permit that allows the holder to emit one ton of carbon dioxide", which "can be traded in the international market at their current market price"

-----was signed in the year of 1997 in Kyoto, japan

Which of the following is not the mission of India's National Action Plan on Climate Change?

- 52 Which Ministry has undertaken the National Mission for a “Green India?”
- 53 Which statement/s is/are true about National Solar Mission?
The United Nations Framework Convention on Climate Change (UNFCCC or FCCC) is also known
54 as:
55 The United Nations Framework Convention on Climate Change (UNFCCC or FCCC) is held in:

The basic objectives of The United Nations Framework Convention on Climate Change (UNFCCC or
56 FCCC) is:
57 When & where was the first UNFCCC Conference of Parties (COP) took place?
58 Where was the last conference of parties (COP) held?
59 When was India’s first National Action Plan on Climate Change (NAPCC) launched?
60 Till date how many conference of parties (COPs) have taken place?
61 Which one of the following cause global warming?
62 How many percent of carbon dioxide increased in the atmosphere since pre-industrial times?
63 What is the full form of UNFCCC with respect to global warming convention?
64 Who measures the global warming rate?
65 Which one of the following result takes place due to global warming?
66 Which one of the following cause global warming?
67 How human activity has influenced global warming?
68 Changes in the composition of the atmosphere is an example of _____
69 What is the main reason for melting of ice sheets?
70 What are the three R’s that are used to save the environment which includes forest?
71 How much area is under the forest cover in India?
72 Which community of Rajasthan Have religious belief for conservation of forest and wildlife?
Which one of the following movement was carried out for the conservation of forests and the
73 environment?
74 Which one of the following is not the best way to stop deforestation?
75 How many National Parks are there in India as of 2015?
76 How human activity has influenced global warming?
77 What is called for the process of breaking down food to yield energy?
78 Flow of nutrients is _____
79 Why plants in forests do not make use of all the light energy available to them?
80 Which form of Sun’s energy is trapped by the producers in the energy flow?

Correct Answer

Bluish

UVB

10

40

50

300

1987

1991D

$O + O_2 \rightarrow O_3$

Ozone

neighboring molecules

Convection

Green House

Insolation

Green house

Atmospheric Stability

Lapse Rate

Temperature

19

Mesosphere

6.5 °C

Increase

Permanent & Surface

Permanent

Nitrogen (78%), Oxygen (21%), Other Gases (1%)

Air

climate change

Ocean Acidification

Asia

1.8 mm

400

Chlorine

O + O

Ozone

Transmission

Warm & Cool

Global warming

(0.6-2.5°C) & (1.4-5.8°C)

Density

Pressure

Humidity

Troposphere

80

Surface

Crust

Surface

30-50%

Climate development Mechanism

Carbon credits

Kyoto Protocol

National Mission on Sustainable Development

Ministry of Environment & Forest

A goal of increasing production of Photovoltaics to 1000 MW/year and increase the use of solar thermal technologies in urban areas, industry, and commercial establishments.

Earth summit

1992

To "stabilize greenhouse gas concentrations in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system."

April 1995 in Berlin, Germany

Poland

2008

25

Carbon dioxide

About 30%

United Nations Framework Convention on Climate Change

Climatologist

Changes in the rainfall

Radiative forcing

By changing the radiative balance governing the Earth

External forcing

Global warming

Reduce, Reuse, Recycle

Around 710000 sq km

Bishnoi

Chipko Andolan

Not encouraging for recycling the used products

88

By changing the radiative balance governing the Earth

Cellular respiration

Cyclic

Because sunlight doesn't fall on the leaves fully

Light energy