

NEET ENVIRONMENTAL ISSUES — OZONE DEPLETION — PYQS**Max. Marks: 60****Questions: 15****Section A (MCQ) — 15 questions**

Q.1 The thickness of ozone in a column of air in the atmosphere is measured in terms of :

[NEET (UG) 2023]

- (1) Decibels (2) Decameter
(3) Kilobase (4) Dobson units

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Q.2 Dobson units are used to measure thickness of :

[NEET (UG) 2021]

- (1) Troposphere (2) CFCs
(3) Stratosphere (4) Ozone

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Q.3 Snow-blindness in Antarctic region is due to

[NEET (UG) 2020]

- (1) High reflection of light from snow
(2) Freezing of fluids in the eye by low temperature
(3) Inflammation of cornea due to high dose of UV-B radiation
(4) Damage to retina caused by infra-red rays

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Q.4 Montreal protocol was signed in 1987 for control of

[NEET (UG) 2020]

- (1) Disposal of e-wastes
(2) Transport of Genetically modified organisms from one country to another
(3) Emission of ozone depleting substances
(4) Release of Green House gases

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Q.5 Which of the following protocols did aim for reducing emission of chlorofluorocarbons into the atmosphere?

[NEET (UG) 2019]

- (1) Gothenburg Protocol (2) Geneva Protocol
(3) Montreal Protocol (4) Kyoto Protocol

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Q.6 In stratosphere, which of the following elements acts as a catalyst in degradation of ozone and release of molecular oxygen? [NEET 2018]

- (1) Carbon (2) Cl (3) Fe (4) Oxygen

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Q.7 World Ozone Day is celebrated on [NEET 2018]

- (1) 5th June (2) 21st April
(3) 16th September (4) 22nd April

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Q.8 Depletion of which gas in the atmosphere can lead to an increased incidence of skin cancers

[NEET 2016 (Phase 1)]

- (1) Methane (2) Ozone
(3) Nitrous oxide (4) Ammonia

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Q.9 Which of the following is not one of the prime health risks associated with greater UV radiation through the atmosphere due to depletion of stratospheric ozone? [AIPMT 2015 (Cancelled)]

- (1) Increased liver cancer
(2) Increased skin cancer
(3) Damage to eyes
(4) Reduced Immune System

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Q.10 The zone of atmosphere in which the ozone layer is present is called : [AIPMT 2014]

- (1) Mesosphere (2) Stratosphere
(3) Ionosphere (4) Troposphere

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Q.11 Which one of the following is a wrong statement?

[AIPMT 2012 (Prelims)]

- (1) Most of the forests have been lost in tropical areas
- (2) Greenhouse effect is a natural phenomenon
- (3) Ozone in upper part of atmosphere is harmful to animals
- (4) Eutrophication is a natural phenomenon in freshwater bodies

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Q.12 "Good ozone" is found in the [AIPMT 2011 (Mains)]

- (1) Troposphere (2) Ionosphere
- (3) Stratosphere (4) Mesosphere

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Q.13 Global agreement in specific control strategies to reduce the release of ozone depleting substances, was adopted by : [AIPMT 2009]

- (1) The Montreal Protocol
- (2) The Kyoto Protocol
- (3) The Vienna Convention
- (4) Rio de Janeiro Conference

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Q.14 Montreal protocol aims at : [AIPMT 2009]

- (1) Control of water pollution
- (2) Biodiversity conservation
- (3) Control of CO₂ emission
- (4) Reduction of ozone depleting substances

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Q.15 Montreal Protocol which calls for appropriate action to protect the ozone layer from human activities was passed in the year- [AIPMT 2006]

- (1) 1988 (2) 1986 (3) 1985 (4) 1987

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ANSWER KEY

Ques.	1	2	3	4	5	6	7	8	9	10	11
Ans.	4	4	3	3	3	2	3	2	1	2	3
Ques.	12	13	14	15							
Ans.	3	1	4	4							