

Date Planned : __ / __ / __	Daily Tutorial Sheet-3	Expected Duration : 90 Min
Actual Date of Attempt : __ / __ / __	JEE Main Archive	Exact Duration : _____

21. Peroxyacetyl nitrate (PAN), an eye irritant is produced by : (2019)
 (A) organic waste (B) acid rain
 (C) photochemical smog (D) classical smog
22. The molecule that has minimum/no role in the formation of photochemical smog, is : (2019)
 (A) NO (B) $\text{CH}_2 = \text{O}$ (C) N_2 (D) O_3
23. The compound that is NOT a common component of photochemical smog is : (2019)
 (A) O_3 (B) $\text{H}_3\text{C} - \text{C}(\text{O}) - \text{CONO}_2$
 (C) CF_2Cl_2 (D) $\text{CH}_2 = \text{CHCHO}$
24. The upper stratosphere consisting of the ozone layer protects us from the sun's radiation that falls in the wavelength region of : (2019)
 (A) 200-315 nm (B) 0.8-1.5nm (C) 400-550 nm (D) 600-750 nm
25. Taj Mahal is being slowly disfigured and discoloured. This is primarily due to : (2019)
 (A) global warming (B) soil pollution
 (C) water pollution (D) acid rain
26. The regions of the atmosphere, where clouds form and where we live, respectively, are : (2019)
 (A) Stratosphere and Stratosphere (C) Troposphere and Troposphere
 (B) Stratosphere and Troposphere (D) Troposphere and Stratosphere
27. Excessive release of CO_2 into the atmosphere result in : (2019)
 (A) Global warming (B) Formation of smog
 (C) Polar vortex (D) Depletion of ozone
28. Which is wrong with respect to our responsibility as a human being to protect our environment ? (2019)
 (A) Avoiding the use of floodlighted facilities
 (B) Setting up compost tin in gardens
 (C) Using plastic bags
 (D) Restricting the use of vehicles
29. **Assertion** : Ozone is destroyed by CFCs in the upper stratosphere. (2019)
Reason : Ozone holes increase the amount of UV radiation reaching the earth
 (A) Assertion is false, but the Reason is correct.
 (B) Assertion and Reason are correct, but the reason is not the explanation for the Assertion.
 (C) Assertion and Reason are incorrect.
 (D) Assertion and Reason are both correct and the Reason is the correct explanation for the Assertion.
30. The correct set of species responsible for the photochemical smog is : (2019)
 (A) NO, NO_2 , O_3 and hydrocarbons (B) CO_2 , NO_2 , SO_2 and hydrocarbons
 (C) N_2 , NO_2 and hydrocarbons (D) N_2 , O_2 , O_3 and hydrocarbons