

Environment

Class Test-2

1. Consider the following statements and select the correct code:
1. In the limelight of depleting ozone layer UVB is a matter of concern not UVA or UVC as such.
 2. Energy is inversely related to wavelength.
 3. UVA radiation is not responsible for any damage.
- Code:
- (a) 1, 2 and 3 (b) 1 and 2
 (c) Only 1 (d) 1 and 3
2. Consider the following statements and select the correct code:
1. CFCs are the type of halogenated hydro carbon which are non-flammable, non-toxic organic molecules.
 2. At room temperature CFCs are gases under normal (atmospheric) pressure, but they liquify under modest pressure.
- Code:
- (a) 1 and 2
 (b) Only 1
 (c) Only 2
 (d) None of the above
3. Consider the following countries-
1. Chile
 2. New Zealand
 3. Argentina
 4. Colombia
- Select the correct code of countries where UV Alerts are given.
- (a) 1, 2, 3 and 4
 (b) 1, 2 and 3
 (c) 2 and 4
 (d) 2, 3 and 4
4. During which period of the year ozone layer depletion would be maximum on earth?
- (a) Feb-March
 (b) June-July
 (c) Sep-Oct
 (d) Nov-Dec
5. Which one of the following statements is correct about uv index?
- (a) It is an Index which compares Ozone layer depletion over different nations.
 - (b) It's a ratio of UVA, UVB and UVC radiations.
 - (c) It is a comparative study of UV radiation, striking the structure of a given place in different seasons.
 - (d) It is a form of daily forecasts of UV exposure issued by weather service for different cities.
6. Who among the following were awarded Nobel Prize in Chemistry in 1995 concluding that CFCs could damage the Stratospheric Ozone layer through the release of Chlorine atoms and as a result UV radiation would increase and cause more skin cancer?
- (a) Rowland and Molina
 (b) Boston and Wright
 (c) Simon and Kaiser
 (d) Thompson and Star Zomski
7. Consider the following statements and select the correct code:
1. Major damage to ozone layer has taken place near Antarctica.
 2. Ozone layer is never directly damaged by CFCs.
 3. Methane is also responsible for ozone layer damage.
- Code:
- (a) 1, 2 and 3
 (b) 1 and 2
 (c) 1 and 2
 (d) 2 and 3
8. Which one of the following UV radiation is obstructed by ozone layer?
- (a) UVA
 (b) UVB
 (c) UVC
 (d) UVB & UVC