**APES- Chapter #25- Ozone Depletion**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Learning Objectives:**

* *What ozone is and how ozone is naturally formed and destroyed in the stratosphere*
* *What the so-called ozone shield is, and why it is important*
* *How chemical and physical processes and reactions link emissions of chlorofluorocarbons (CFC’s) to stratospheric ozone depletion*
* *What role polar stratospheric clouds play in ozone depletion*
* *Why ozone depletion is a long-term problem*
* *What the environmental effects of ozone depletion are, and what options are available to minimize ozone depletion*
* *Why international cooperation, including significant economic aid from wealthy to less wealthy nations, is necessary to encourage future reduction or elimination of emissions of ozone-depleting chemicals into the atmosphere*

1: **Explain** why the ozone layer is so important in protecting life from dangerous UV rays.

2: What is **“ozone”**? Where is ***“good ozone” located***?

3: Explain the differences between the 3 types of ozone.

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