

# HUMAN BIOLOGY

## PHOTOCHEMICAL SMOG CAN KILL

(page 147)

1. Name the two primary air pollutants that react with one another in the presence of sunlight to produce "ozone": \_\_\_\_\_ & \_\_\_\_\_
2. Name three symptoms breathing oxidants like PAN and ozone can cause: \_\_\_\_\_  
\_\_\_\_\_ and \_\_\_\_\_
3. Why is Salt Lake City mentioned in this article? \_\_\_\_\_  
\_\_\_\_\_
4. Name three more cities outside the USA that are in the same category as SLC: \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_
5. Geographically, what does SLC have that aggravates this problem? \_\_\_\_\_
6. Explain a "thermal inversion" \_\_\_\_\_  
\_\_\_\_\_
7. How can trapped pollutants be disastrous? \_\_\_\_\_  
\_\_\_\_\_
8. Why should we place our emphasis on pollution prevention? \_\_\_\_\_  
\_\_\_\_\_
9. Name four things we can do to help reduce this problem: \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
10. Why is Los Angeles mentioned in the picture? \_\_\_\_\_  
\_\_\_\_\_