

# Automotive Technology

## SMOG QUIZ (Part 1)

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

1. Where did the word "Smog" come from?

\_\_\_\_\_ + \_\_\_\_\_

2. Name 4 Man-made sources of air pollution.

\_\_\_\_\_

3. Octane is another name for \_\_\_\_\_ .

4. Is SMOG harmful? YES NO (Circle one)

What are two symptoms? \_\_\_\_\_

5. Name three detrimental chemicals that are in SMOG?

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

6. Name one harmless chemical that is in SMOG? \_\_\_\_\_

7. Which chemical found in SMOG is also known as a greenhouse gas?

a. NaCl

b. NOZ

c. NOX

d. CO<sub>2</sub>

8. Can you do anything to reduce SMOG? Name 2 things.

a. \_\_\_\_\_

b. \_\_\_\_\_

9. Increased combustion temperatures result in higher \_\_\_\_\_ emissions.

a. NaCl

b. NOZ

c. NOX

d. CO<sub>2</sub>

10. The byproducts of perfect gasoline combustion are carbon dioxide and water. True False (Circle one)