

ENVIRONMENTAL SCIENCE

SECTION I

Time—40 minutes

50 Questions

Part II

Directions: Each set of lettered choices below refers to the numbered question or statement immediately following it. Select the one lettered choice that best answers each question or best fits each statement and then enter the letter in the corresponding space on the answer sheet. As choices may be used once, more than once, or not at all in each set.

Analyze the atmospheric components below:

- a. O_3
- b. CO_2

- c. Soot
- d. Hydrocarbons

- _____ 1. Particulate matter that can cause lung irritation
- _____ 2. Protective gas in the stratosphere but causes oxidative leaf damage in the troposphere
- _____ 3. A gas that is formed during coal combustion
- _____ 4. Gelled gasoline can increase the level of this pollutant

Examine the indoor air pollutants below:

- a. Radon
- b. Asbestos

- c. Particulate matter
- d. Carbon monoxide

- _____ 5. Dust, pollen, or mold that can irritate eyes and sinuses
- _____ 6. Microscopic fibers that can increase lung cancer risk
- _____ 7. Colorless gas that can lead to asphyxiation
- _____ 8. Odorous gas formed by nuclear decay of radon

- a. Kyoto Protocol
- b. Montreal Protocol

- c. Clean Water Act
- d. Clean Air Act

- _____ 9. Responsible for establishing the six air quality criteria pollutants
- _____ 10. International agreement to reduce greenhouse gas emissions during the 21st century
- _____ 11. International agreement to remove CFCs from manufacture in order to reduce their atmospheric levels

Environmental Science Unit 7 Test Answer Key

Marion F. Gooding



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