

Smith Seminars 2012 Online Course
Air Pollution Effects on the Lungs – Printed Test Page 1

NAME _____

DATE _____

1. ____ The scientific techniques for assessing health impacts of air pollution include:

- A) Air pollutant monitoring
- B) Dosimetry
- C) Toxicology
- D) All the above

2. ____ Human health effects associated with indoor air pollution are:

- A) Headaches, tiredness, and dizziness
- B) Nausea
- C) Throat irritation
- D) All the above

3. ____ Patients can protect themselves and their family from smoke by:

- A) Leaving the area
- B) Exercising
- C) Using dust masks or bandanas
- D) All the above

4. ____ Patients can protect themselves from carbon monoxide exposure by:

- A) Using a generator by a window
- B) Installing a battery-operated CO detector in the home
- C) Running a car or truck with the garage door open
- D) None of the above

5. ____ Long-term health effects can include:

- A) Chronic respiratory disease and lung cancer
- B) Heart disease
- C) Damage to the brain, nerves, liver, or kidneys
- D) All the above

6. ____ Diagnosis of asbestosis include:

- A) History of exposure
- B) Chest X-ray or chest CT
- C) A & B
- D) None of the above

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7. ____ Discrete plaques:

- A) Typically affect the bilateral parietal pleurae adjacent to the apex
- B) Typically affect the bilateral parietal pleurae between the 1st and 4th ribs
- C) Occur in up to 60% of workers exposed to asbestos
- D) None of the above

8. ____ Chronic beryllium disease often results in progressive loss of respiratory function with early abnormalities including:

- A) Air flow obstruction and decreased oxygenation on ABG at rest and during exercise testing
- B) Decreased diffusing capacity for carbon monoxide (DLco) and restriction
- C) Pulmonary hypertension and right ventricular failure
- D) None of the above

9. ____ More water-soluble gases (chlorine, ammonia, sulfur dioxide, hydrogen chloride):

- A) Dissolve in the upper airway and immediately cause mucous membrane irritation, which may alert people to the need to escape the exposure
- B) Can permanently damage to the upper respiratory tract, distal airways, and lung parenchyma if escape from the gas source is impeded
- C) A & B
- D) None of the above

10. ____ Humidifier fever occurs in nonindustrial buildings:

- A) As a consequence of humidifiers or other types of ventilation units
- B) Because of a reservoir for the growth of bacteria or fungi in humidifiers or other types of ventilation units
- C) Because humidifiers or other types of ventilation units serve as a method of aerosolizing bacteria or fungi
- D) All the above

Submission Instructions

Print the test, answer the questions, and fill out personal information.

Submission Method #1 – Fax to us at 972-759-9791

Submission Method #2 – Smith Seminars, PO Box 516, Paradise, TX 76073

Submission Method #3 – Go to www.smithseminars.com online tests and enter answers

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