

Human Health and Environmental Pollution

Pollution Science · Practice Test · 15 Questions

1. Which organ in the human body is primarily responsible for breathing in air pollutants?

- A) Heart
- B) Lungs
- C) Liver
- D) Kidney

2. What is a common health effect of long-term exposure to high levels of air pollution?

- A) Improved vision
- B) Stronger bones
- C) Respiratory issues
- D) Faster muscle growth

3. Which substance, when found in drinking water, is known to be toxic to the human nervous system?

- A) Oxygen
- B) Lead
- C) Calcium
- D) Sugar

4. What do we call the tiny particles in polluted air that can enter the bloodstream through the lungs?

- A) Particulate matter
- B) Water droplets
- C) Nitrogen gas
- D) Oxygen molecules

5. Which mineral, when contaminated with mercury, can cause health issues if consumed in seafood?

- A) Iron
- B) Calcium
- C) Fish tissue
- D) Potassium

6. Which sensory organ is most directly irritated by smog and ground-level ozone?

- A) Ears
- B) Eyes
- C) Tongue
- D) Skin

7. What common gas found in exhaust fumes is dangerous because it prevents blood from carrying enough oxygen?

- A) Carbon monoxide
- B) Nitrogen
- C) Argon
- D) Helium

8. Exposure to high levels of noise pollution is most commonly linked to which health concern?

- A) Hair loss
- B) Hearing loss
- C) Brittle nails
- D) Color blindness

9. What chemical element, found in some old pipes, can cause developmental delays in children if ingested?

- A) Gold
- B) Silver
- C) Lead
- D) Copper

10. Skin contact with certain chemical pollutants in water can cause which of the following?

- A) Skin rashes
- B) Better skin tone
- C) Hair growth
- D) Stronger immunity

11. What type of pollution is caused by the excessive use of artificial light at night, potentially disrupting human sleep patterns?

- A) Thermal pollution
- B) Light pollution
- C) Noise pollution
- D) Soil pollution

12. Which body system is most likely to be stressed by constant loud noise pollution?

- A) Digestive system
- B) Cardiovascular system
- C) Skeletal system
- D) Respiratory system

13. What is the primary way that pesticides used on crops can enter the human body?

- A) Through skin absorption
- B) By breathing them in air
- C) Through ingestion of contaminated food
- D) By touching rocks

14. Which pollutant is known to decrease the body's ability to fight off infections when inhaled over long periods?

- A) Nitrogen dioxide
- B) Helium gas
- C) Pure water vapor
- D) Table salt

15. Which organ is responsible for filtering toxins from the blood after pollutants are ingested?

- A) Brain
- B) Liver
- C) Heart
- D) Bladder