

Name Mrs. Wiley's Key

Unit 5: Pollution Test - Review Sheet

In addition to this sheet, review your notes and vocabulary.

Test Design: 24 multiple choice, 6 matching, and 2 essays

1. In which layer of the atmosphere is the ozone layer located?

Stratosphere

2. How does the greenhouse effect impact the Earth's temperature?

Traps heat & causes Earth to heat up.

3. What is the purpose of chlorine in water treatment?

Kills bacteria & prevents new bacteria

4. What is the purpose of scrubbers in industry?

they remove particulates, gases, & other pollutants from ~~your~~ ~~the~~ industrial exhaust.

5. How does acid precipitation form?

when pollution (like CO_2 , S, N) react with water vapor in atmosphere, making a weak acid

6. Explain the thinning of the ozone layer.

Ozone is being destroyed by pollutants (CFC's, etc...)

7. What is global warming?

gradual \uparrow in average global temp.

8. What role does carbon dioxide play in global warming?

it's a greenhouse gas.

9. What type of light is absorbed by ozone?

UV

10. How does ultraviolet light negatively impact humans and the environment?

• sun burn • blindness
• skin cancer • damages DNA & cells → damage animals

11. What can we do to help reduce levels of carbon dioxide in the atmosphere?

• decrease emissions from cars/industries - • car pool
• less fossil fuels • etc...

12. What are chlorofluorocarbons?

CFC's → Chemicals created in production of styrofoam & found in freon. green house gas destroy ozone layer.

13. What has happened to the average global temperature during the 20th century?

Some years it ↑
Some years it ↓ ... Overall... ↑

14. What are the consequences of increased global temperatures?

- death → extinction
- melting icecaps
- flooding
- ↑ sea level
- Famine
- fresh H₂O shortage

15. What is the largest percentage of waste produced by U.S. households? (i.e. what kind of waste?)

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16. How do mountains form?

When 2 tectonic plates collide (converge)

17. Where does most geologic activity occur?

between tectonic plates

18. What are the layers of the Earth?

C - M - OC - IC

L - A - M - OC - IC

19. How is energy transferred?

convection



conduction
~touch~

radiation



20. Define the following:

- a. Biodegradable-
- b. Biosphere-
- c. Magma-
- d. Watershed-
- e. Famine-
- f. Compost-
- g. Genetic Engineering -
- h. Biomagnification -

look 'em up!