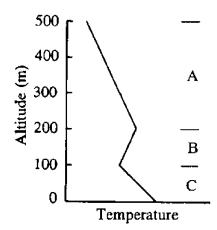
Name: _		Cl	ass:	Date:		ID: A
Sampl	e F	inal Exam				
_	Multiple Choice Identify the letter of the choice that best completes the statement or answers the question.					
		Volcanoes are an important ra. chlorofluorocarbons. b. ozone. c. sulfur dioxide. d. carbon monoxide. Photochemical smog is also t				
		 a. London-type smog. b. subsidence smog. c. mixing layer smog. d. sea breeze smog. e. Los Angeles-type smog. 				
		Which of the following gases a. sulfur dioxide b. carbon dioxide c. methane d. ozone	s is an example o	of a volatile organic compo	und or hydrocarbon?	
		Polar stratospheric clouds for a. temperature, high b. temperature, low c. pressure, high d. pressure, low	m above Antarc	tica when in the	he stratosphere is	•
		The term "ozone hole" refers a. permanent b. yearly c. monthly d. daily	to a	_ decrease in ozone concen	tration.	

Exhibit 12-1



- 6. In Exhibit 12-1, the greatest concentration of pollutants would be found
 - a. in layer A.
 - b. in layer B.
 - c. in layer C.
 - d. above layer A.
- 7. Which of the following conditions would act to prevent a high concentration buildup of pollutants near the surface?
 - a. light surface winds
 - b. a strong subsidence inversion
 - c. a large, slow-moving anticyclone
 - d. a deep mixing layer
- 8. On clear, cold winter nights, cities tend to cool ______ than rural areas and have _____ minimum temperatures.
 - a. more slowly, higher
 - b. more quickly, higher
 - c. more slowly, lower
 - d. more quickly, lower
- 9. A country breeze would probably be associated with
 - a. a large high-pressure areas that forms over the city.
 - b. a hot and humid summer day in a large city.
 - c. a period of heavy rain that falls over a city.
 - d. a strong heat island.
- 10. Which of the following is a major way in which chlorofluorocarbons can enter the stratosphere?
 - a. from the exhaust of high-altitude aircraft
 - b. in an inversion
 - c. in building thunderstorms that penetrate into the lower stratosphere
 - d. from the rupture of radiosonde balloons
- 11. Which of the following are capable of destroying ozone in the stratosphere?
 - a. oxygen atoms
 - b. chlorine atoms
 - c. other ozone molecules
 - d. all of the above

 12.	
	a. the paper absorbs red and reflects other visible wavelengths.
	b. the paper emits red light.
	c. the paper reflects red and absorbs other visible wavelengths.d. the paper disperses white light.
12	
 13.	On the average, as a cloud grows thicker (taller), which below does <i>not</i> occur? a. more sunlight is reflected from the cloud
	a. more sunlight is reflected from the cloudb. less sunlight is transmitted through the cloud
	c. less sunlight is absorbed by the cloud
	d. more light is scattered by the cloud
14.	Red sunsets, blue moons, and milky-white skies are <i>mainly</i> the result of
	a. refraction.
	b. dispersion.
	c. reflection.
	d. scattering.
	e. diffraction.
 15.	Which of the following would be true if the earth did not have an atmosphere?
	a. there would be fewer hours of daylight
	b. the sky would always be black
	c. the stars would be visible in the sky during the dayd. all of the above
16	
 16.	The sky is blue because air molecules selectively blue light. a. scatter
	b. absorb
	c. diffract
	d. disperse
	e. emit
 17.	What color would the sky be if air molecules selectively scattered only the longest wavelengths of visible
	light?
	a. white
	b. blue
	c. red
4.0	d. black
 18.	Which of the following is capable of producing a red sunrise or sunset?
	a. small suspended salt particlesb. volcanic ash
	c. small suspended dust particles
	d. all of the above
19.	The blue haze often seen in the clean air found in mountainous regions is mainly due to the of
 17.	light.
	a. refraction
	b. absorption
	c. diffraction
	d. scattering

Name: _____

ID: A

Name: _		
2	a. b. c. d.	halo rainbow sun pillar
2	e. 21. A a. b. c.	t sunset in the middle latitudes, look for a rainbow toward the north. south. east.
2	22. Roa. b. c. d. e.	mirages. causing the sun to appear to flatten-out on the horizon. increasing the length of daylight.
2	23. Bo a. b. c. d.	slightly lower than it appears. much dimmer than it appears.
2	24. Y a. b. c. d.	cirrostratus nimbostratus
2	25. W a. b. c. d.	sun pillars crespuscular rays

ID: A

Sample Final Exam Answer Section

MULTIPLE CHOICE

- 1. ANS: C
- 2. ANS: E
- 3. ANS: C
- 4. ANS: B
- 5. ANS: B
- 6. ANS: D
- 7. ANS: D
- 8. ANS: A
- 9. ANS: D
- 10. ANS: C
- 11. ANS: D
- 12. ANS: C
- 13. ANS: C
- 14. ANS: D
- 15. ANS: D
- 16. ANS: A
- 17. ANS: C
- 18. ANS: D
- 19. ANS: D
- 20. ANS: C
- 21. ANS: C
- 22. ANS: E 23. ANS: B
- 24. ANS: B
- 25. ANS: A