Quizlet

26 Multiple choice questions

1.	a form of radiant energy that comes from the sun and can cause skin damage, such as melanoma and other types of
	skin cancer

- a. ultraviolet (UV) radiation
- b. evapotranspiration
- c. solar radiation
- d. terrestrial radiation
- 2. the water vapour content of the air
 - a. humidity
 - b. ozone
 - c. acid rain
 - d. wind
- 3. the colourless gas that is the product of the reaction between oxygen and the sun's ultraviolet radiation
 - a. ozone layer
 - b. wind
 - c. ozone
 - d. humidity
- 4. a small, localised area within a larger climatic region in which the atmospheric characteristics differ significantly from those of the major climate
 - a. humidity
 - b. microclimate
 - c. lapse rate
 - d. conduction
- 5. a complex mixture of air pollutants produced in the atmosphere by the reaction of hydrocarbons and nitrogen oxides under the influence of sunlight
 - a. atomic oxygen
 - b. condensation
 - c. ozone layer
 - d. photochemical smog

6.	areas	of the atmosphere with relatively high or low barometric pressure; often referred to as highs and lows		
	a.	atmospheric pollution		
	b.	atmosphere		
	C.	atomic oxygen		
	d.	atmospheric pressure systems		
7.	ener	gy transfer from one material to another by direct contact		
		wind		
	b.	conduction		
	c.	acid rain		
	d.	condensation		
8.		mount of heat that is lost or gained when a substance undergoes a phase change, such as condensation, or sublimation		
	a.	latent heat		
	b.	ozone		
	c.	atmosphere		
	d.	lapse rate		
9.	the innermost layer of the atmosphere in which most of the earth's weather occurs			
	a.	atmosphere		
		lapse rate		
	b.			
	b. c.	lapse rate		
10.	b. c. d.	lapse rate ozone		
10.	b. c. d.	lapse rate ozone troposphere		
10.	b. c. d. the tr	lapse rate ozone troposphere rapping and buildup of heat in the troposphere, near the earth's surface		
10.	b. c. d. the tr a. b.	lapse rate ozone troposphere rapping and buildup of heat in the troposphere, near the earth's surface troposphere		
10.	b. c. d. the tr a. b.	lapse rate ozone troposphere rapping and buildup of heat in the troposphere, near the earth's surface troposphere greenhouse effect		
	b. c. d. the tr a. b. c.	lapse rate ozone troposphere rapping and buildup of heat in the troposphere, near the earth's surface troposphere greenhouse effect greenhouse gases		
	b. c. d. the tr a. b. c. d.	lapse rate ozone troposphere rapping and buildup of heat in the troposphere, near the earth's surface troposphere greenhouse effect greenhouse gases latent heat		
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	b. c. d. the ti a. b. c. d. move a. b.	lapse rate ozone troposphere rapping and buildup of heat in the troposphere, near the earth's surface troposphere greenhouse effect greenhouse gases latent heat ements within a medium caused by a difference in temperature convection currents		
	b. c. d. the tr a. c. d. move a. b. c.	lapse rate ozone troposphere rapping and buildup of heat in the troposphere, near the earth's surface troposphere greenhouse effect greenhouse gases latent heat rements within a medium caused by a difference in temperature convection currents condensation		

12. the process by which water vapour becomes a liquid a. condensation b. acid rain c. solar radiation d. conduction 13. precipitation containing excessive amounts of acid that is formed when oxides of sulfur and nitrogen mix in the atmosphere a. acid rain b. humidity c. lapse rate d. conduction 14. a phenomenon of urban settlements where relatively warm atmospheric temperatures prevail in the most heavily built-up areas and decrease outward towards the fringes a. condensation b. latent heat c. urban heat island d. acid rain 15. gases in the earth's atmosphere that contribute to the greenhouse effect e.g. carbon dioxide, ozone, methane and nitrous oxide a. greenhouse effect b. ozone layer c. lapse rate d. greenhouse gases 16. the transparent, odourless mass of air surrounding the earth a. latent heat b. atmosphere c. troposphere d. ozone 17. single oxygen atoms compared to oxygen molecules (two oxygen atoms) found in air a. acid rain b. ozone layer c. atomic oxygen d. atmosphere

- Test: 11 Geography 1 Biological Interactions 1 The Atmosphere | Quizlet 18. a change in the chemical composition of the atmosphere that affects the well-being and activities of all living things a. atomic oxygen b. atmospheric pollution c. atmosphere d. atmospheric pressure systems 19. stored heat emitted as longwave radiation by the earth, including islands, oceans and atmosphere a. evapotranspiration b. ultraviolet (UV) radiation c. solar radiation d. terrestrial radiation 20. the transport of moisture from the earth to the atmosphere by evaporation of water and transpiration from plants a. lapse rate b. evapotranspiration c. solar radiation d. condensation 21. energy received from the sun, on which all life depends a. conduction b. condensation c. terrestrial radiation d. solar radiation 22. when a layer of dense, cool air is trapped under a layer of less dense warm air a. evapotranspiration b. greenhouse gases c. temperature inversion d. terrestrial radiation 23. the layer of gaseous ozone in the stratosphere that protects life on earth by filtering out harmful ultraviolet radiation
 - from the sun
 - a. condensation
 - b. ozone layer
 - c. lapse rate
 - d. ozone

d. lapse rate

24.	a movement of air from areas of relatively high atmospheric pressure to areas of relatively low atmospheric pressure			
	a.	conduction		
	b.	humidity		
	c.	ozone		
	d.	wind		
25.	ener	gy sources formed in past geological times from organic materials e.g. coal, petroleum and natural gas		
	a.	ozone		
	b.	latent heat		
	c.	acid rain		
	d.	fossil fuels		
26.	the d	lecline in temperature that occurs with increasing altitude throughout the troposphere		
	a.	acid rain		
	b.	ozone layer		
	C.	latent heat		