1)	The Stefan-Boltzmann Law gives the relationship between:			
	A) solar energy and distance.			
	B) moisture and long-wave radiation.			
	C) emissivity and wavelength.			
	D) the intensity of radiation and the temperature of an object.			
2)	The troposphere makes up what fraction of the atmosphere's mass?			
	A) 30%. B) 50%.			
	C) 60%. D) 80%.			
3)	The four layers of the atmosphere from the top down are:			
	A) thermosphere, stratosphere, mesosphere, troposphere.			
	B) thermosphere, mesosphere, stratosphere, troposphere.			
	C) stratosphere, mesosphere, thermosphere, troposphere.			
	D) troposphere, stratosphere, mesosphere, thermosphere.			
45				
4)				
	A) the interaction of the atmosphere with the charged particles of the solar wind			
	B) different pressures in different places.			
	C) the drag on the atmosphere caused by the earth's rotation.			
	D) the movements of ocean currents.			
5)	The greenhouse effect warms up Earth□s surface temperature by:			
	A) 13 degree C. B) 33 degree C.			
	C) 53 degree C. D) 73 degree C.			
	The Carialia forms			
6)	6) The Coriolis force: A) is caused by pressure gradient forces.			
	B) affects the speed of motion.			
	C) is constant.			
7)	D) affects the direction of motion. The radiation emitted by Fourth			
7)	The radiation emitted by Earth:			
	A) had its origin in radioactive elements in the earth's interior.			
	B) is primarily absorbed by the atmosphere.			
	C) has little effect on the earth's energy budget.			
	D) is in the form of radio waves.			

8)	Sunsets are red for all of the following reasons except:			
	A) red light has more energy than blue light.			
	B) Rayleigh & Mie scattering.			
	C) light has to travel through more atmosphere to reach the observer.			
9)	At the theoretical Absolute Zero (Zero degrees Kelvin),			
	A) all molecular motion stops.			
	B) molecular motion is at a minimum.			
	C) atoms implode.			
10) Geostrophic flow:				
	A) occurs in atmospheric levels with substantial friction.			
B) occurs when the pressure gradient force equals the Coriolis force				
	C) can occur in all levels of the atmosphere.			
11) A missile lunched due south in the Northern Hemisphere will be deflected tow				
	A) east. B) west.			
12) Which of the following gases is not a greenhouse gas:				
	A) carbon dioxide.			
	B) nitrous oxide.			
	C) water vapor.			
	D) methane.			
	E) oxygen.			
13)	Specific humidity:			
	A) is a useful measure for comparing water vapor at two different locations.			
	B) is the same as the relative humidity.			
	C) changes as a given mass of air expands.			

Answer

1	d
2	d
3	b
4	b
5	b
6	d
7	b
8	а
9	а
10	b
11	b
12	е
13	а
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