


Response Report


Session: Atmospheric Layers


Class: per5


Class Points Avg: 85.12 out of 100.00 (85.12%)


(Includes only students who took assessment)


1	As you go up in altitude in the troposphere, the air temperature _____.		
A	0%	increases	
 B	100%	decreases	

2	As you go up in altitude, the air pressure _____.		
A	12%	increases	
 B	88%	decreases	

3	"Tropo" means _____.		
A	6%	Cold	
B	0%	Weather	
C	0%	Air	
 D	94%	Changing	

4	When a balloon carrying instruments is sent up into the atmosphere, the balloon is only partly inflated because _____.		
A	6%	as it gets colder outside the balloon, the pressure increases.	
 B	47%	the pressure outside the balloon decreases.	
C	35%	the pressure inside the balloon decreases	
D	12%	they don't want the balloon to fly into outer space	

5	at the top of the troposphere, clouds are made of _____.		
A	12%	water vapor	
B	12%	tiny drops of water	
 C	76%	ice	
D	0%	carbon dioxide	

6	"Stratum" means _____.		
 A	100%	layer	
B	0%	top	
C	0%	outside	
D	0%	above	


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7	As you go up in altitude in the stratosphere, the temperature gets _____.		
A	24%	colder	
 B	76%	warmer	

8	ozone is _____.		
 A	94%	three atoms of oxygen	
B	0%	three atoms of nitrogen	
C	6%	2 atoms of oxygen, and 1 atom of nitrogen	

9	The ozone _____ the stratosphere.		
 A	94%	heats	
B	6%	cools	
C	0%	thins	

10	"Meso" means _____.		
A	0%	top	
 B	100%	middle	
C	0%	above	

11	In the outer mesosphere, temperatures can get as low as _____.		
A	0%	negative 10 C	
B	0%	negative 200 C	
 C	100%	negative 90 C	

12	1 cubic meter of air at sea level has the same amount of molecules as _____ cubic meters of air at the top of the mesosphere.		
A	0%	1,000	
B	0%	10,000	
 C	100%	100,000	


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13 The outer layer of the atmosphere consists of _____ sub-layers.			
	A	29%	2
	B	47%	3
	C	24%	4

14 The thermosphere is given that name because it is hot.			
	A	100%	True
	B	0%	False

15 But, a thermometer in the thermosphere would read below zero because _____.			
	A	65%	the molecules are so spread out.
	B	35%	the heat energy is spread out between the different molecules of Nitrogen and Oxygen.
	C	0%	A thermometer only gives accurate readings when placed in a liquid.

16 Radio waves bounce off of the _____.			
	A	88%	ionosphere
	B	6%	troposphere
	C	0%	aurora borealis
	D	6%	exosphere

17 The exosphere extends so far out that satellites travel inside it.			
	A	94%	True
	B	6%	False