5. Composition and Structure of Atmosphere

Worksheet 1

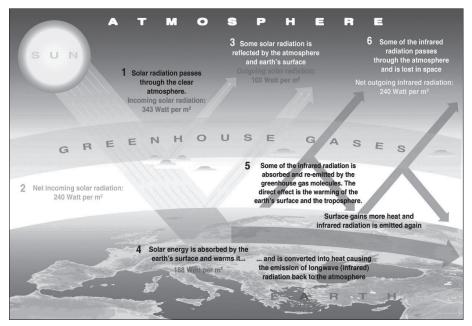
(A) Fi	ll in the blanks	to complete the	e sentences:			
1.	1. The density of air		as one goes to high altitudes.			
2.	2 and		are the two main gases in the atmosphere.			
3.	3 is needed by plants for their survival.					
4.	4 is responsible for all forms of condensation and precipitati					
5.	. Plants cannot u	se	directly and obt	ain it from the soil.		
6.	6. The strong winds in the stratosphere are called					
7.	7 are electrically charges particles in the, which is a part of the thermosphere.					
8.	8. Meteors entering Earth from space burn up in the					
9.	. The	merges witl	n interplanetary spa	ace.		
10.	. The air we brea	the is only availab	le in the			
	hy is the atmo arth?		nt for the growt	h and development	t of life on	
Δ	1 decreases 2			4. water vapour 5.	nitrogen	
				•	_	
	i. jet streams 7. ions; ionosphere 8. mesosphere 9. exosphere 10. troposphere The atmosphere is important for life to grow and develop on Earth because:					
٥.	·	·	rmful ultraviolet ray	•		
			,	peratures through the	greenhouse	
((iii) it protects us	from meteors from	n outer space.			
((iv) weight of air a water.	and the pressure it	exerts keeps it pres	sed down in contact v	vith land and	
	(v) it is responsible for change in the weather.					
((vi) gases like oxy	gen and carbon d	ioxide make life on	Earth possible.		

(vii) ionosphere helps wireless and long distance communication.

- (viii) sound waves can only travel through air.
- (ix) sun's energy makes atmosphere dynamic.

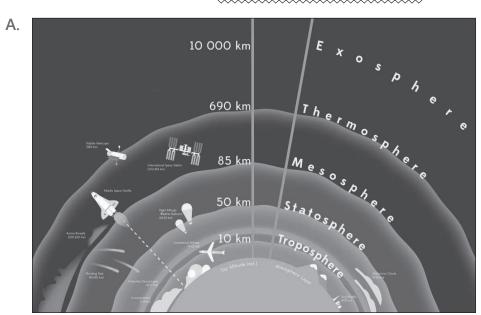
Worksheet 2

A Draw the vertical structure of the atmosphere.



B Below each of the pictures given below, write what they show about the effects of global warming:

Answers to Worksheet 2



Vertical Structure of the Atmosphere

В.



Rise in sea levels



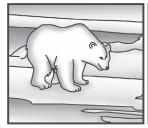
Extinction of animals



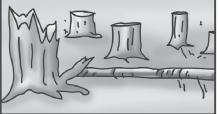
Flooding of low lying areas



Loss of homes



Melting of the ice-caps of North and South poles



Extinction of plants



Spread of diseases