

Worksheet for chapter 15) : - Air Around Us

The following questions are important for your exams for 1 mark 2 mark or 5 marks. First solve the questions on your own and then saw the solution for understanding it better.

Practice worksheet for class 6

Section A

Q.1.) What are the elements of air?

→ Elements of air are water vapor, carbon dioxide, oxygen , nitrogen dust and smoke.

Q.2.) define wind?

→ The air in motion called as wind.

Q.3.) What is atmosphere?

→ The envelope of air that surrounds the Earth surface called as atmosphere.

Q.4.) which gas in the atmosphere essential for respiration ?

→Oxygen is used for respiration.

Q.5.) which component of air used by green plants to make their food?

→Carbon dioxide is used by green plants to make their food.

Q.6.) How does respiration of animals in an aquatic region taking place?

→ Aquatic animals use dissolved oxygen in water for their respiration.

Q.7.) What is smoke ?

→ Smoke is a combination of few harmful gases with dust particles present in it.

Q.8.) which of the major component of atmosphere?

→ Nitrogen is the major component of atmosphere

Q.9.) How insects can breathe?

→ Insects can breathe with the help of tiny holes present on their bodies called as spiracles.

Q.10.) How does earthworm respire? What is present on their skin to maintain it moist?

→ Respiration in the earthworm takes place though it's moist skin and capillaries. Mucus is present on their skin to make it moist.

Q.11.) which gas is present in packed food ?

→ Nitrogen is presenting Packed food.

Q.12.) What is pollution?

→Pollution is defined as increasing amount of some gases, smoke dust particle in air that are harmful to living things.

Q.13.) write some applications of windmill ?

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1. Wind is helpful for windmill to rotate. Windmill is used to draw water from tube wells.
2. Windmill used to run flour mill.
3. Windmill is also used to generate electricity.

Q.14.) write importance of air.

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1. Air helps in movement of gliders, parachutes and airplanes.
2. Birds bats and insects can fly due to presence of air
3. Air also helps in dispersal of seeds and pollen of flowers of several plants.
4. Air plays an important role in water cycle.

Q.15.) How do plants and animals depend on each other for respiration?

→ Plants makes their own food by the process of photosynthesis and makes the oxygen through it. Animals can consume oxygen through the respiration process. Plants also consume oxygen for respiration but the produce oxygen more than they consume. Hence there is balance between oxygen and carbon dioxide production with the help of plants and animals hence they are depending on each other for respiration.

Q.16.) Give the composition of air ?

→ Air contains mostly nitrogen and oxygen. These two gases together makeup 99% of the air and the remaining one percent is of the carbon dioxide, other gases, and the water vapor.

Q.17.) Make a list of five activities occurs due to presence of air?

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1. Respiration - use of oxygen and carbon dioxide in air
2. Burning- oxygen helps in burning
3. Photosynthesis- Carbondale oxide is used in respiration and oxygen is get produced as a product.
4. Flying of birds
5. Movement of parachutes and airplanes.

Q.18.) define pollution and give causes of air pollution ?

→ Pollution is the addition of some harmful gases in the atmosphere that are harmful to human beings, plants and animals.

There are many causes for the pollution to happen :-

1. Burning of wood , plant remains, coal and petroleum can cause pollution.
2. Smoke from the vehicles, smoke from the industries also cause pollution. Harmful gases come out from the industries and from the vehicle adds into the atmosphere and causes several problems to human beings.

Q.19.) What can we do to decrease air pollution ?

→

1. As pollution of air contain many harmful gases that are being respired by human beings , plants and animals May cause death. So, to avoid this we must take some efforts to decrease air pollution.
2. We must use vehicles as less as possible. We can use electric vehicles as that is no use of any petroleum substances and hence no any harmful gases coming out.
3. We must increase the use of bicycle than the vehicles use petroleum substances.
4. By planting more and more trees, we can decrease the air pollution.
5. Plastic if burn causes harmful gases so we can recycle the use of plastic.

Regards,

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