

Air Around Us

Question 1.

What do plant and animal matter produce on burning ?

- (a) Carbon dioxide
- (b) Few other gases
- (c) Both (a) and (b)
- (d) None of these

▼ [Answer](#)

- (c) Both (a) and (b)

Plant and animal matter produces carbon dioxide and few other gases on burning.

Question 2.

What do plant animal matter consume on burning ?

- (a) Carbon dioxide
- (b) Oxygen
- (c) Nitrogen
- (d) None of these

▼ [Answer](#)

- (b) Oxygen

Plant and animal matter consume oxygen on burning.

Question 3.

contains few gases and fire dust particle.

- (a) Wind
- (b) Vapour
- (c) Atmosphere
- (d) Smoke

▼ [Answer](#)

- (d) Smoke

Smoke contains few gases and fire dust particles.

Question 4.

Mountaineers carry cylinders with them.

- (a) Carbon dioxide
- (b) Nitrogen
- (c) Water
- (d) Oxygen

▼ [Answer](#)

(d) Oxygen
Mountaineers carry oxygen cylinders with them.

Question 5.

The properties of air are:

- (a) It has no colour
- (b) It occupies space
- (c) It is transparent
- (d) All of these

► [Answer](#)

Question 6.

When the bottle was tilted, the air was able to come out in the form of.

- (a) Gas
- (b) Smoke
- (c) Vapour
- (d) Bubbles

▼ [Answer](#)

(d) Bubbles
When the bottle was tilted, the air was able to come out in the form bubbles.

Question 7.

What is the percentage of nitrogen and oxygen in air ?

- (a) 98%
- (b) 99%
- (c) 97%
- (d) 100%

▼ [Answer](#)

(b) 99%
Nitrogen and oxygen is 99% in air.

Question 8.

What is percentage of carbon dioxide and few other gases, water vapour, dust particles ?

- (a) 2%
- (b) 1%
- (c) 3%
- (d) None of these

▼ [Answer](#)

(b) 1%

Carbon dioxide and few other gases is 1% in air.

Question 9.

Which component of air is used by green plants to make their food ?

- (a) Oxygen
- (b) Nitrogen
- (c) Carbon dioxide
- (d) None of these

▼ [Answer](#)

(c) Carbon dioxide

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

Question 10.

Which gas in the atmosphere is essential for respiration ?

- (a) Oxygen
- (b) Nitrogen
- (c) Carbon dioxide
- (d) None of these

▼ [Answer](#)

(a) Oxygen

Oxygen is essential for respiration in atmosphere.

Question 11.

The envelope of air that surrounds the earth is known as:

- (a) Air
- (b) Wind
- (c) Atmosphere
- (d) None of these

▼ [Answer](#)

(c) Atmosphere

The envelope of air that surrounds the earth is known as atmosphere.

Question 12.

Air in motion is called:

- (a) Air
- (b) Wind
- (c) Atmosphere
- (d) None of these

▼ [Answer](#)

(b) Wind

Air in motion is called wind.

Question 13.

Nitrogen, oxygen, carbon dioxide, water vapour and a few gases are:

- (a) Wind
- (b) Components of air
- (c) Atmosphere
- (d) None of these

▼ [Answer](#)

(b) Components of air

Nitrogen, oxygen, carbon dioxide, water vapour and few other gases are components of air.

Question 14.

What makes a firki rotate ?

- (a) Atmosphere
- (b) Moving air
- (c) Water vapour
- (d) None of these

▼ [Answer](#)

(b) Moving air

Moving air rotates firki.

Question 15.

During storms the wind blows at a very.

- (a) Medium speed
- (b) High speed
- (c) Low speed
- (d) None of these

▼ [Answer](#)

(b) High speed

During storms the wind blows at a very high speed.

Question 16.

Burning occurs in the presence of which gas ?

- (a) Oxygen
- (b) Nitrogen
- (c) Carbon dioxide
- (d) Water vapour

▼ [Answer](#)

(a) Oxygen

Burning occurs in the presence of oxygen gas.

Question 17.

Why do plants and animals consume oxygen ?

(a) Transpiration

(b) Evaporation

(c) Respiration

(d) Condensation

▼ [Answer](#)

(c) Respiration

Plant's and animals consume oxygen for respiration.

Question 18.

The burning of fuel also produces

(a) Air

(b) Fire

(c) Smoke

(d) None of these

▼ [Answer](#)

(c) Smoke

The burning of fuel also produces smoke.

Question 19.

Why do we feel suffocation if some material is burning in a closed room ?

(a) Due to excess of carbon-dioxide

(b) Due to excess of oxygen

(c) Due to excess of water vapour

(d) Due to excess of nitrogen

▼ [Answer](#)

(a) Due to excess of carbon-dioxide

We feel suffocation due to excess of carbon dioxide in closed room.

[State whether the statements are True or False:](#)

Question 1.

Wind is the envelope of air surrounding the earth.

▼ [Answer](#)

False

Question 2.

Atmosphere shows the direction in which the air is moving at that place.

▼ [Answer](#)

False

Question 3.

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

▼ [Answer](#)

True

Question 4.

Fuels are able to burn due to presence of air.

▼ [Answer](#)

True

Question 5.

Air present in lump of cotton wool gets dissolved in water and hence it shrinks.

▼ [Answer](#)

True

Question 6.

Animal living in water get oxygen which is dissolved in water.

▼ [Answer](#)

True

Question 7.

During storms the wind blows at a low speed.

▼ [Answer](#)

False

Question 8.

Moving air rotates firki.

▼ [Answer](#)

True

Question 9.

We can see air, we cannot feel it.

▼ [Answer](#)

False

Question 10.

Nitrogen, oxygen, carbon dioxide, water vapour and a few other gases are components of air.

▼ [Answer](#)

True

[Fill in the blanks:](#)

Question 1.

..... from burrows and holes deep in the soil.

▼ [Answer](#)

Earth worms

Question 2.

During plants make their own food and oxygen is produced.

▼ [Answer](#)

photosynthesis

Question 3.

..... cannot live without plants.

▼ [Answer](#)

animals

Question 4.

Oxygen become available to animals and plants living in soil from the air present in

▼ [Answer](#)

soil

Question 5.

Birds, bats and insects can fly due to the presence of

▼ [Answer](#)

air

Question 6.

The layer of air around the earth is known as

▼ [Answer](#)

atmosphere

Question 7.

The wind makes the rotate.

▼ [Answer](#)

windmill

Question 8.

Air plays an important role in

▼ [Answer](#)

water cycle

Question 9.

Plants and animals help each other in the exchange of in atmosphere.

▼ [Answer](#)

gases

Question 10.

..... through mouth is harmful because harmful dust particles enter our body.

▼ [Answer](#)

Breathing
