

## General Physics Questions and Answers for Competitive Exams Pdf

Question: 1

**Define absolute humidity?**

The weight of the actual amount of water vapour present in a unit column of air is called absolute humidity. It is expressed as grams per cubic meter of air.

Question: 2

**What is saturation of air?**

When the air column contains water vapour up to its maximum bearing capacity the air is said to be saturated.

Question: 3

**What is meant by rain shadow region?**

Rainfall will be heavy on the windward side of the mountains. Rainfall will be light or very little, on the leeward side. Such a leeward side of a mountain range is called rain shadow region.

Question: 4

**Define rainfall?**

Clouds are formed due to the condensation of water vapour into water and ice particles. These particles are very small. Hence they float in the air. When condensation continues, more and more water particles are added to the cloud. The tiny water particles, join together to form bigger particles. As the size increases, the weight of the particles also increases. Thus they cannot float in the air and fall as rainfall.

Question: 5

**What is condensation?**

Condensation is a process by which water vapours are converted into water particles.

Question: 6

**What is known as hail?**

Falling of ice pieces along with rains is known as Hail. They may damage the roof of our houses.

Question: 7

What are the factors that determine the amount of water vapour in an air column?

The factors that determine the amount of water vapour in an air column are

- (i). Its temperature and
- (ii). the availability of water at that place.

Question: 8

What is convectional rainfall?

The rainfall, caused by rising air mass due to excessive heating of the Earth's surface is known as convectional rainfall.

Question: 9

How do we measure the humidity in the atmosphere?

The humidity in the atmosphere is measured in three ways.

- (i). Absolute humidity
- (ii). Specific humidity and
- (iii). Relative humidity.

Question: 10

Where do snow fall occur?

Snow fall occurs in Simla, Kashmir and Himalayas in India. Snow fall can block roads and affect traffic flow.