

Air around Us

Fill in the blanks :-

1. Air occupies _____.
2. Harmful gases and smoke in the air causes _____.
3. The _____ and _____ within the nasal passage prevents entry of dust particles into our respiratory system.
4. Air helps in _____ of sound.
5. Nitrogen present in the air is used for making _____.

Choose the correct answer :-

1. The height of the atmosphere is (120 km/240km)
2. The volume of oxygen (increases/decreases) with increase in altitudes.
3. (Carbondioxide/Oxygen) is taken in by the plants for photosynthesis.
4. Air contain approximately (78 percent/80 percent) of Nitrogen.

Name the following :-

1. The two scientists who proved air is a mixture of gases :
2. The lightest gas in the air.
3. The gas essential for combustion and respiration.
4. The substance in presence of which photosynthesis takes place :

Define the following :-

- (a) Atmosphere
- (b) Respiration

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I. Fill in the blanks :

1. Air is really not one substance but a _____.
2. The component of air that supports burning is called _____.
3. The aquatic animals use dissolved Oxygen in water for respiration, this is possible because Oxygen _____ in water.
4. Nitrogen of the air is used on a large scale to manufacture _____.
5. _____ is the place in nature for gaseous exchange.

II. True or False statements :

1. Air is a compound but not an element.
 2. Air is an opaque material.
 3. Air contains water vapour.
 4. The major part of air is Nitrogen.
 5. Plants produce Oxygen through photosynthesis.
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