

## Air Around Us

### Practice sheet

**Time : 20 minutes**

**Maximum marks : 10**

#### Instructions

- This test contains 6 questions.
  - Q.1 to Q.3 are one-mark questions, to be answer in about one word or one sentence.
  - Q.4 & Q.5 are two-marks questions, to be answer in about 50 words.
  - Q.6 is three-marks question, to be answer in about 80 words.
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1. Name one process which removes carbon dioxide from air.
2. State any two properties of nitrogen gas.
3. What do you mean oxygen cycle?
4. Why is air considered to be a mixture?
5. Write any four uses of air.
6. Write any three method of controlling air pollution.

## Practice sheet solutions

1. Plants use carbon dioxide present in the air to make their own food by a process called photosynthesis.
2. **Properties of nitrogen**  
Needed by the plants to make proteins, Colourless, tasteless & odourless gas.
3. The continual interchange of oxygen between the atmosphere and the water, the plants and animals and mineral matter is called the oxygen cycle.
4. Air is called a mixture because-  
Air is not a single substance.  
It consists of many gases like nitrogen, oxygen, carbon dioxide and water vapour. The constituents of air are not chemically combined
5. **Uses of air**
  - (i) Air helps in the movement of yachts (sailing boats), parachutes, gliders, and aeroplanes.
  - (ii) Air helps the birds, bats and insects in flying.
  - (iii) Air plays an important role in the water cycle in nature.
  - (iv) Air helps in the dispersal of seeds.
6. **Controlling methods for air pollution**
  - (i) By checking the emission of smoke from motor vehicles.
  - (ii) By checking or controlling the emission of smoke from factories.
  - (iii) By using the devices which can filter the agents causing the pollution.