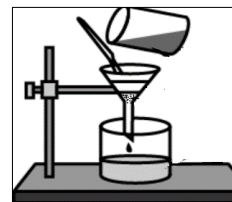


- ii. **Assertion:** Boiling is the simplest way of purifying water.
Reason: Boiling the water for 5 minutes makes it fit for drinking.

Q3. Answer the following in one word:

(1×3 =3)

- i. Name the layers of the atmosphere which protect us from ultraviolet rays of sun
a) _____ and which protects us from meteors b) _____.
- ii. Mention any one use of following:
a. Granite b. Coal
- iii. Observe the picture below and answer the following questions:
a. Mention the name of the method.
b. Which type of impurity is separated by this method?



Q4. Give reason for the following:

(1×2 =2)

- i. It is important to conserve natural resources.
ii. Distilled water is not ideal for drinking.

Q5. Answer the following in short:

(1×2 =2)

- i. Mention any two things that require the use of air pressure.
ii. Explain the process of formation of igneous rocks (2 points)

Q6. Answer the following questions:

(3×2 =6)

i. Read the passage and answer the following questions:

Air is present all around us. We cannot see it but we can feel it. It is very essential for life. Air is mixture of many gases with oxygen and nitrogen as major components and many other gases present in minute quantities which have special uses. Some gases are essential for living things while some gases are important for burning.

- a. Draw a well labelled diagram showing composition of air.
b. Mention uses of following gases:
1. Argon
2. Nitrogen
c. Imagine there was no carbon dioxide in the air. What would have happened then?
- ii. a. Explain the process of sedimentation and decantation. (2 marks)
b. Differentiate between soluble and insoluble impurities. (1 mark)
