

WORKSHEET**10. Essential for Life : Air and Water**

1. Circle the odd one.

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|-------------------|--------------|--------------|
| (a) Sedimentation | Filtration | Distillation |
| (b) Boiling | Chlorination | Soluble |
| (c) Argon | Nitrogen | Germs |

2. Give two examples of each of the following.

(a) Soluble impurities

(i) _____ (ii) _____

(b) Insoluble impurities

(i) _____ (ii) _____

(c) Gases in air

(i) _____ (ii) _____

3. Write four properties of air.

(i) _____

(ii) _____

(iii) _____

(iv) _____

4. Describe any one method to purify water.

5. Tick (✓) the correct answer.

(a) Which of the following is lowest layer of atmosphere?

- | | | | |
|------------------|--------------------------|-------------------|--------------------------|
| (i) troposphere | <input type="checkbox"/> | (ii) stratosphere | <input type="checkbox"/> |
| (iii) mesosphere | <input type="checkbox"/> | (iv) thermosphere | <input type="checkbox"/> |

(b) The clear water pass through filter paper and is collected in flask. This collected water is called as

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|---------------|--------------------------|---------------|--------------------------|
| (i) residue | <input type="checkbox"/> | (ii) filtrate | <input type="checkbox"/> |
| (iii) loading | <input type="checkbox"/> | (iv) sediment | <input type="checkbox"/> |

(c) The substances that make the water unfit for use are called

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|--------------|--------------------------|-------------------------|--------------------------|
| (i) purities | <input type="checkbox"/> | (ii) impurities | <input type="checkbox"/> |
| (iii) salts | <input type="checkbox"/> | (iv) soluble substances | <input type="checkbox"/> |

6. Fill in the blanks.

- (a) The pressure exerted by air is called _____ pressure.
- (b) _____ component of air is added to the soil through fertilisers.
- (c) The amount of water vapour present in the air is called _____.
- (d) Space shuttles move in the layer of atmosphere.
- (e) _____ water is the purest water.