Name: _____ Date: _____

Air Around us

Q1. Why does the candle go off after some time when we cover it with a glass tumbler?

Ans. _____

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Q2. What happens when air comes in contact with a cool surface?

Ans. _____

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Q3. Why long chimneys are preferred in factories?

Ans. _____

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Q4. What is the role of fine hair and mucus inside the nose?

Ans. _____

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Q5. Why do policemen regulating traffic at a crowded crossing wear a mask to cover his face?

Ans. _____

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Air Around us

Q1. Why does the candle go off after some time when we cover it with a glass tumbler?

Ans. The amount of oxygen component inside the glass is limited. When most of this oxygen is used up by the burning candle, it can no longer burn and blows out.

Q2. What happens when air comes in contact with a cool surface?

Ans. When air comes in contact with a cool surface, air gets cooled and it can no longer hold as much water vapor. Thus water vapor in the air condenses and drops of water appear on cool surface.

Q3. Why long chimneys are preferred in factories?

Ans. The burning of fuel produces smoke. Smoke contains a few gases and fine dust particles and is often harmful. Long chimneys in factories take the harmful smoke and gases away from us.

Q4. What is the role of fine hair and mucus inside the nose?

Ans. We inhale air when we breathe through our nostrils. Fine hair and mucus are present inside the nose to prevent dust particles from getting into the respiratory system.

Q5. Why do policemen regulating traffic at a crowded crossing wear a mask to cover his face?

Ans. Policemen regulating traffic at a crowded crossing wear a mask to cover his face to protect himself from the polluted air that emits from the vehicles which may enters his nose and cause him serious problem.