

Name: _____ Date: _____

Combustion and Flame

Q1. Why is water not used to control fires involving electrical equipment?

Ans. _____

Q2. What are the harmful products released by the burning of fuels?

Ans. _____

Q3. What is rapid combustion? Give one example.

Ans. _____

Q4. Water is not suitable for fires involving oil and petrol. Explain.

Ans. _____

Q5. What causes global warming?

Ans. _____

Combustion and Flame

Q1. Why is water not used to control fires involving electrical equipment?

Ans. Water is not used to control fires involving electrical equipment because water may conduct electricity and harm those trying to douse the fire.

Q2. What are the harmful products released by the burning of fuels?

Ans. The harmful products released by the burning of fuels are unburnt carbon particles, carbon monoxide, carbon dioxide, sulphur dioxide, nitrogen oxides etc.

Q3. What is rapid combustion? Give one example.

Ans. The combustion that takes place rapidly and produces heat and light is called rapid combustion. Example: Gas burns rapidly and produces heat and light.

Q4. Water is not suitable for fires involving oil and petrol. Explain.

Ans. Water is heavier than oil. So, it sinks below the oil, and oil keeps burning on top. Thus, water is also not suitable for fires involving oil and petrol.

Q5. What causes global warming?

Ans. Combustion of most fuels releases carbon dioxide in the environment. Increased concentration of carbon dioxide in the air is believed to cause global warming.