

Name: _____ Date: _____

Combustion and Flame

Q1. State True (T) or False (F).

- i. Petrol is a liquid fuel. _____
- ii. Spontaneous combustion of coal dust has resulted in many disastrous fires in coal mines. _____
- iii. Cutting of trees leads to afforestation. _____
- iv. Fuels differ in their efficiency and cost. _____
- v. There are four different zones of a flame. _____

Q2. Fill in the blanks.

- i. Burning of wood and coal causes _____ of air.
- ii. A liquid fuel, used in homes is _____.
- iii. Fuel must be heated to its _____ before it starts burning.
- iv. Fire produced by oil cannot be controlled by _____.
- v. The fuel may be _____, _____ or _____.
- vi. Spontaneous forest fires are sometimes due to the _____ of the sun or due to _____.

Q3. Name some of the substances which burn without producing a flame.

Ans. _____

Q4. Name two substances having low ignition temperature.

Ans. _____

Q5. Name two substances having high ignition temperature.

Ans. _____

Q6. Name some common fuels.

Ans. _____

Combustion and Flame

Q1. State True (T) or False (F).

- i. Petrol is a liquid fuel. True
- ii. Spontaneous combustion of coal dust has resulted in many disastrous fires in coal mines. True
- iii. Cutting of trees leads to afforestation. False
- iv. Fuels differ in their efficiency and cost. True
- v. There are four different zones of a flame. False

Q2. Fill in the blanks.

- i. Burning of wood and coal causes pollution of air.
- ii. A liquid fuel, used in homes is Liquified Petroleum Gas (LPG).
- iii. Fuel must be heated to its ignition temperature before it starts burning.
- iv. Fire produced by oil cannot be controlled by water.
- v. The fuel may be solid, liquid or gas.
- vi. Spontaneous forest fires are sometimes due to the heat of the sun or due to lightning strike.

Q3. Name some of the substances which burn without producing a flame.

Ans. Coal and Charcoal

Q4. Name two substances having low ignition temperature.

Ans. paper and white phosphorus

Q5. Name two substances having high ignition temperature.

Ans. coal and log of wood

Q6. Name some common fuels.

Ans. wood, charcoal, petrol and kerosene