

**POOJA MODEL SCHOOL
PRACTICE WORKSHEET-
Week -1, July 2025**

Class: 8

Chapter – 4: Combustion and Flame

Topics: Combustion, Flame, Ignition Temperature, Fuels

Q1. Multiple Choice Questions

1. The process of burning a substance in the presence of air is called:

- a) Rusting
- b) Melting
- c) Combustion
- d) Evaporation

2. The lowest temperature at which a substance catches fire is called its:

- a) Melting point
- b) Boiling point
- c) Ignition temperature
- d) Freezing point

3. Which of the following is not a fuel?

- a) Wood
- b) Coal
- c) Water
- d) LPG

4. A good fuel should have:

- a) High ignition temperature
- b) Low calorific value
- c) Low cost and easy availability
- d) High smoke production

5. The blue part of the flame is the:

- a) Hottest part
- b) Coolest part
- c) Brightest part
- d) None of these

6. Burning of fuel releases:

- a) Oxygen only
- b) Smoke only
- c) Heat and light
- d) None of these

7. The flame which produces light is called:

- a) Non-luminous flame

- b) Dark flame
- c) Luminous flame
- d) Cold flame

8. Which fuel is used in gas stoves at home?

- a) Petrol
- b) LPG
- c) Diesel
- d) Coal

Q2. Short Answer Questions

1. Define ignition temperature.

2. Write any two characteristics of a good fuel.