



D.A.V. PUBLIC SCHOOL, CRRC, Medical Road, Gaya
Sunday Test (Date –01-09-2024)

Class –VIII
Sub. –Science

Time: 40 Min
F.M.- 20

1. Answer following questions :

2×5=10

- a) Define combustion.
- b) Mention the three conditions for producing or sustaining combustion.
- c) Write two points of differences between middle zone and outermost zone of a candle flame.
- d) Define calorific value of a candle flame.
- e) Mention four characteristics of a good fuel.

2. Answer the following questions:

5×2=10

- a) (i) Name four types of combustion and give one example of each.
(ii) What is ignition temperature?
- b) (i) Describe an experiment to show that outermost zone of the candle flame is the hottest.
(ii) The amount of heat produced, on complete burning of 10kg of a given fuel in pure oxygen equals H kilocalorie. What is the calorific value of that fuel?
