

Board –CBSE

Class –8th

Topic – Combustion and Flame

Objective And One Word Answer Type Question (1 Marks)

1. Which substance give heat and light after combustion

- (a) Flame
- (c) Fuel
- (c) Combustion
- (d) None of these

2. Like fuel the sun also provides heat and light. The process taking place in the sun is called

- (a) Combustion
- (c) Nuclear process
- (c) Burning
- (d) All of these

3. Coal burns with

- (a) Flame
- (c) Only glow
- (c) Both flame and glow
- (d) None of these

4. Burning of charcoal in a closed room will produce

- (a) Carbon dioxide
- (c) Nitrogen dioxide
- (c) Carbon monoxide
- (d) All of these

5. The substances which have very low ignition temperature will

- (a) Catch fire easily
- (c) Will not catch fire
- (c) Catch fire after some time

(d) None of these

6. CNG and LPG are the examples of

(a) Solid fuels

(b) Liquid fuels

(c) Gaseous fuels

(d) They are not fuels

7. Ignition temperature is

(a) Lowest temperature at catch fire

(c) Higher temperature at catch fire

(c) Any temperature

(d) None of these

8. Combustion is a

(a) Chemical process

(c) Physical process

(c) Both of these processes

(d) None of these processes

9. The products of combustion are

(a) Carbon dioxide and water

(c) Oxygen and water

(c) Only carbon dioxide

(d) Only oxygen

10. There are following zones of a flame

(a) Two

(c) Three

(c) Four

(d) No any zone

11. Give two examples of two solid fuels

12. Which part of candle flame is hottest?

Short Answer Type Question (2 Marks)

13. What is the principle of fire extinguishing?
14. We can prepare tea in a paper cup and it does not catch fire. Why?
15. Name the clean fuel recommended to use in buses.
16. What is the source of heat and light of the sun?
17. What do you mean by forest fire?
18. How does fire brigade work?

Long Answer Type Question (3 Marks)

19. Why does charcoal not produce flame?
20. Do all the substances catch fire on same temperature?
21. Classify the fuels on the basis of states.
22. What is deforestation? What is its effect?

Very Long Answer Type Question (4 Marks)

23. We can boil water in a paper cup while paper catches fire easily. Explain the process.