



**Octahedral classes, kharadi**  
**2nd floor, yashwant plaza, near bank of India,**

**Class 08 - Science**

**test paper**

**Maximum Marks: 35**

**Time Allowed: 1 hour and 30 minutes**

**Section A**

1. What is acid rain? 1
2. What is combustion? 1
3. What is spontaneous burning? 1
4. Which zone of a flame does a Goldsmith use for melting gold and silver and why? 1
5. Charcoal does not burn with flame but glows only. 1
6. What is rapid combustion? 1
7. Explain the terms "global warming". 1
8. What are the conditions for combustion? 1
9. List different uses of metals that you come across in everyday life. 2
10. Why do some metals replace the other metals from their solutions? 2
11. Give reason for aluminium is used to make electrical wires. 2
12. How does fire brigade works to extinguish fire? 2
13. Why any of the fuel is not considered as an ideal fuel? 2
14. What is fractional distillation? 2
15. Describe the history of the matchstick. 2
16. Fill in the blanks: 1
  - (i) \_\_\_\_\_ compounds are used as fertilizers.
  - (ii) \_\_\_\_\_ is used to prepare sulphuric acid.
  - (iii) A solution of \_\_\_\_\_ in alcohol has antiseptic properties.
17. Fill in the blanks: 1
  - (1) The only liquid metal \_\_\_\_\_.
  - (2) The only liquid non-metal is \_\_\_\_\_.
  - (3) All metals are hard but \_\_\_\_\_ and \_\_\_\_\_ are soft.
18. Fill in the blanks: 1
  - (i) \_\_\_\_\_ is better domestic fuel than wood.

- (ii) Goldsmith uses the \_\_\_\_\_ zone of the flame for melting gold and silver.
- (iii) \_\_\_\_\_ gas is used in fire-extinguisher.
19. Fill in the blanks: 1
- (1) CNG is a \_\_\_\_\_ fuel.
- (2) The substances which are combustible are also called \_\_\_\_\_.
- (3) There are three essential conditions of combustion. Presence of fuel, ignition temperature and presence of \_\_\_\_\_.
20. Fill in the blanks: 1
- (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.
21. Fill in the blanks: 1
- (i) \_\_\_\_\_ forms poisonous carbon monoxide gas.
- (ii) \_\_\_\_\_ is expressed in terms of its calorific value.
- (iii) Fire produced by oil cannot be controlled by \_\_\_\_\_.
22. Fill in the blanks: 1
- (i) \_\_\_\_\_ substance have very low ignition temperature.
- (ii) \_\_\_\_\_ is essential for combustion.
- (iii) The substance, which burn in air are called \_\_\_\_\_.
23. What are inflammable substances? Name them. 3
24. Why does a matchstick not burn of its own? 3