



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

Class 08 - Science
Combustion and flame

Maximum Marks: 50

Time Allowed: 1 hour and 30 minutes

Section A

1. Explain the terms "global warming". 1
2. What are the different zones of flame? 1
3. What do you mean by deforestation? 1
4. What do you mean by inflammable substances? 1
5. Give examples of the substances which give flame. 1
6. What is the colour of LPG flame? 1
7. Why does charcoal not produce flame? 1
8. What is acid rain? 1
9. Which zone of flame has highest temperature? 1
10. What is combustion? 1
11. What is meant by 'deforestation'? 1
12. What do you mean by the term combustion? 1
13. Name the unit in which the calorific value of a fuel is expressed. 1
14. What is the colour of candle flame? 1
15. Define the term 'Explosion'. 1
16. Explain various types of combustion. 2
17. What are the different harmful products of burning of a fuel? 2
18. Define calorific value. 2
19. What do you mean by forest fire? 2
20. Why CNG is preferable for vehicles in respect to petrol and diesel? 2
21. How does fire brigade works to extinguish fire? 2
22. What is fractional distillation? 2
23. What are the ill-effects due to the increasing consumption of fuel? 2
24. We can boil water in a paper cup while paper catches fire easily. Explain the process. 2
25. Describe the history of the matchstick. 2
26. What are the characteristics of a good fuel? 3

27. Explain how the use of CNG in automobiles has reduced pollution in our cities. **3**
28. What are inflammable substances? Name them. **3**
29. What are combustible and non-combustible substances? Explain with examples. **3**
30. What do you mean by global warming? Write its effects. **3**