SCIENCE WORKSHEET CLAS VIII CHAPTER 6- COMBUSTION AND FLAME

1.	Thetemperature at which a substance catches fire is called its temperature.	
2.	The substance whichduring heating, gives flame.	
3.	Correct the following statements: 1. Water is the best extinguisher for fires caused by electricity. 2. Increased concentration of nitrogen cause global warming .	
4.	Circle the combustible substances and underline the non-combustible substances from the	
	following.	
	Charcoal, chalk, stone, iron rod, copper coin, straw, cardboard, glass, paper, wood, candle.	
5.	Choose the correct option: 1. Which of these is the cleanest fuel? a) cow dung cake b) petrol c) kerosene d) hydrogen gas.	
6.	Matching:	
	1. hottest part of flame a. biog	gas
	2. burning of diesel b. pet	rol
	3. gaseous fuel c. blue	e colour
	4. Inflammable substance. d. rap	id combustion
7.	Name a fuel used in a) homes b)automobiles c) industries d)air jets	
8.	Why does a matchstick burn only when rubbed on the rough sides of the box?	
9.	Name two substances which burn in air at room temperature.	
`10.	What is the colour of the flame of a) candle b) LPG burner?	
12.	List the essential conditions for combustion to take place.	
13.	Why is water not suitable for fires caused by oil and petrol?	
14.	Although wood has a good calorific value but still its use is discouraged. Why?	
15.	If 5 kg of a fuel was completely burnt, then the heat produced was measured to be 90000kJ. Calculate the calorific value of the fuel.	
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