

B.C.M SCHOOL BASANT AVENUE DUGRI ROAD LUDHIANA

CLASS – VIII SCIENCE

ASSIGNMENT

DATE - 21-8-2023

1. You are provided with three watch glasses containing milk, petrol and mustard oil, respectively. Suppose you bring a burning candle near these materials one by one, which material(s) will catch fire instantly and why?
2. Manu was heating oil to fry potato chips. The cooking oil all of a sudden caught fire; he poured water to extinguish the fire. Do you think this action was suitable. If yes, why? If not, why not? In such a condition what should Manu have done?
3. What are the three essential requirements to produce fire? How fire extinguisher is useful for controlling the fire.
4. Give two examples each for a solid, liquid and gaseous fuel alongwith some important uses.
5. The calorific values of petrol and CNG are 45000 kJ/kg and 50,000 kJ/kg, respectively. If you have vehicle which can run on petrol as well as CNG, which fuel will you prefer and why?
6. Although wood has a very high calorific value, we still discourage its use as a fuel. Explain.
7. People usually keep Angithi/burning coal in their closed rooms during winter season. Why is it advised to keep the door open?