

B.C.M SCHOOL BASANT AVENUE DUGRI ROAD LUDHIANA
CLASS – VIII SCIENCE
Answer key of (Combustion)

1.The petrol will catch fire instantly as it is a highly volatile liquid that has low ignition temperature thus making it highly inflammable as compared to the other two liquids.

2.No, the step taken by Manu to extinguish fire from oil is not suitable. Because along with water

oil also spread which will increase the flame.

Steps that should have been taken by Manu:-

Manu should have put the flame of the burner off and put a lid on a frying pan. This cuts the contact

between flame and oxygen and the flame will be gradually extinguished

3.fuel, air and heat.

4.wood and Coal; liquid fuel: petrol and kerosene and gaseous fuel: LPG and CNG.

5.The calorific value of compressed natural gas is higher than petrol. So, CNG will be a good preference. It also produces more heat energy than petrol

6.The burning of wood produces a lot of smoke which causes respiratory diseases. The cutting down of trees to

obtain wood as fuel leads to deforestation which is very harmful to the environment

7. Burning of coal produces carbon monoxide, which is poisonous for the people inhaling it. If the

door is closed, oxygen level will be less and carbon-monoxide level will be high. This is harmful for the

person sleeping in the room. Hence the door should be closed.