





CHEMISTRY

BOOKS - PSEB

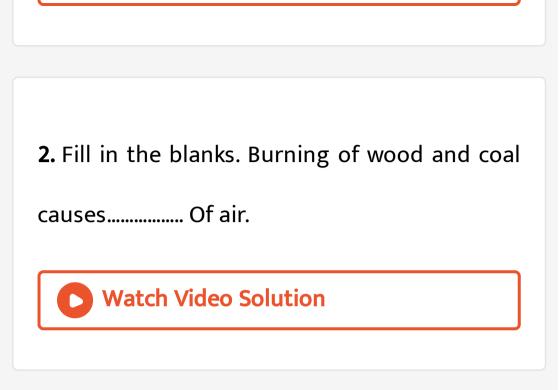
COMBUSTION AND FLAMES



1. List conditions under which combustion can

take place.

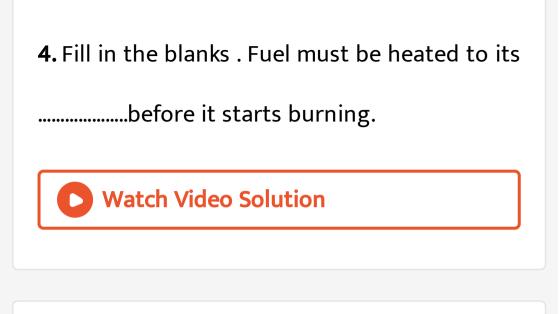




3. Fill in the blanks. A liquid fuel ,used in

homes is.....

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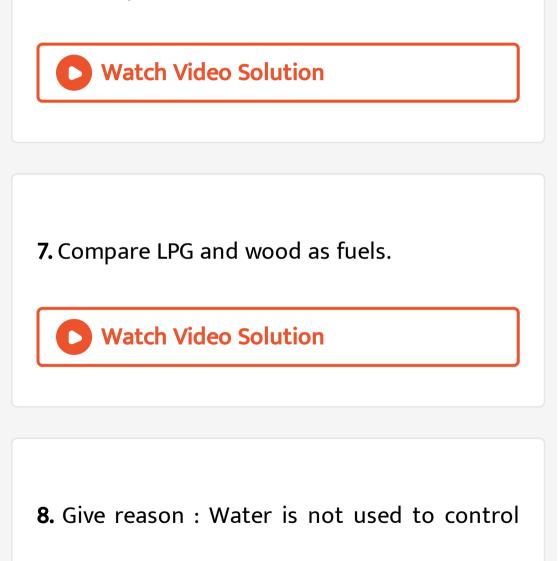
5. Fire produced by oil cannot be controlled

by.....



6. Explain how the use CNG in automobiles has

reduced pollution in our cities.



fire involving electrical equipment.



9. Give reason: LPG is better domestic fuel than wood .

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10. Give reason : Paper by itself catches fire easily whereas a piece of paper wrapped around an aluuminium pipe does not,



11. Make labelled diagram of candle flame.



12. Name the unit in which calorific value of a

fuel is expressed.

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13. Explain how CO_2 is able to contrl fires.





14. It is difficult to burn a heap of green leaves

but dry leaves catch fire easily. Explain.



15. Which zone of a flame does a goldsmith

use for melting gold and silver and why?

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16. In an experiment 4.5 kg of a fuel was completely burnt. The heat produced was measured to be 180,000 KJ. Calculate the calorific value of a the fuel.



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17. Can the process of rusting be called

combustion ? Discuss.

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18. Abida and Ramesh were doing an experiment in which water to be heated in a beaker. Abida kept the beaker near the wick in the yellow part of the candle flame. Ramesh kept the beaker in the outermost part of the flame.whose water will get heated in a shorter time?

