

29. Cracker on ignition produces sound. Why?

30. What do you understand by fuel efficiency?

28. Write True/False against the following statements and also correct the false statement.

- (a) A physical process in which a substance reacts with oxygen to give off heat is called combustion.
- (b) Water is the best extinguisher for fires involving electrical equipment.
- (c) Alcohol, CNG and LPG are inflammable substances.
- (d) Increased concentration of nitrogen in air is believed to cause global warming.
- (e) Greater the calorific value, better is the fuel.
- (f) Middle zone is the hottest zone of a flame.
- (g) The substances which vapourise during burning, give flame.

26. Give reasons for the following.

- (a) Fresh milk is boiled before consumption while processed milk stored in packets can be consumed without boiling.
- (b) Raw vegetables and fruits are kept in refrigerators whereas jams and pickles can be kept outside.
- (c) Farmers prefer to grow beans and peas in nitrogen deficient soils.
- (d) Mosquitoes can be controlled by preventing stagnation of water though they do not live in water. Why?