



Grade 8

Science

Unit : 8 - Change in matter

- (1) Underline the most suitable answer.
- 1) A physical change is
 - a) Tearing the paper
 - b) Burning a paper
 - c) Burning a magnesium strip
 - d) Rusting of iron

 - 2) Select the correct statement.
 - a) Transition of a substance from the solid state to liquid state is called freezing.
 - b) The conversion of a substance from gases state into liquid state is condensation.
 - c) Transition of a substance from liquid state to solid state is called fusion.
 - d) The change of a liquid in to a gas is know as sublimation.

 - 3) An example for sublimation is
 - a) Vaporization of water.
 - b) Heating of iodine.
 - c) Heating candle wax.
 - d) Heating sugar.

 - 4) This is not an observation of real between copper sulphate solution an iron nail.
 - a) Reducing the blue colour of the solution.
 - b) Increase the temperature.
 - c) Releasing a gas.
 - d) Depositing a reddish brown substance.

 - 5) Magnesium + Oxygen \rightarrow Magnesium oxide
The product of the above reaction is,
 - a) Magnesium
 - b) Oxygen
 - c) Magnesium Oxide
 - d) Magnesium and Oxygen

- vii) What is the supporter of combustion in the air?
- viii) What do you mean by ignition temperature?
- ix) Write 3 factors essential for combustion.

(4) Write the below activities including following things.

- a) Diagram
 - b) Method
 - c) Observation
 - d) Conclusion
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- i) An activity that can be done to prove the law of conservation of mass.
 - ii) An activity that can be done to show that air is essential for rusting



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