

Chapter: 13

Q.1 A) Choose the correct alternative and rewrite the sentence (2)

- 1) Positive and negative ions form ionic bond due to
 - a. Repulsive forces
 - b. Electrostatic forces
 - c. Impulsive forces
 - d. Pressure applied
- 2) New substances formed as a result of the reaction of, are called products.
 - a. Reactants
 - b. Pre-products
 - c. Producers
 - d. Precursors

Q.2 B) Solve the following questions. (3)

1) State True or False (1)

- 1) During a physical change the chemical composition of the original matter changes.

2) Find the odd one out (1)

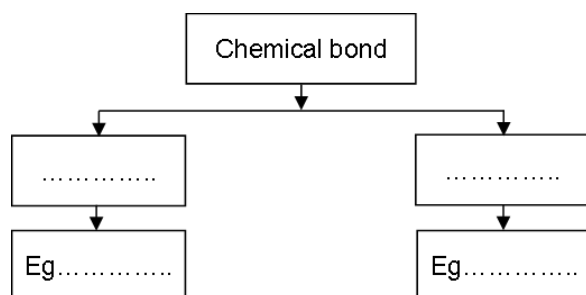
- 1) Ripening of banana, Fragrance on ripening fruit, Darkening of a cut potato, Bursting of an inflated balloon.

3) Name the following (1)

Name any two fuels.

Q.2 Solve the following questions. (Any two) **(4)**

1) Complete the given table



2) Distinguish between Ionic Bond & Covalent Bond

3) Give scientific reasons
Noble gases do not form any chemical bond.

Q.3 Answer the following in detail (Any TWO) (6)

- 1) Classify the following into natural chemical changes and man made chemical changes.
[Respiration, Softening of hard water ,Cleaning Shahabad tile with dilute hydrochloric acid, Melting of ice, Combustion of fuels, Photosynthesis, Ripening of fruit, darkening of a cut potato]
- 2) How to write a chemical equation step by step?

- 3) Respiration is a chemical change.

Q.4 Solve the following questions. (Any one)

(5)

- 1) Show with the help of diagram of electronic configuration how the following compound are formed from the constituent atoms.
Hydrogen chloride
- 2) Show with the help of diagram of electronic configuration how the following compound are formed from the constituent atoms.
Potassium fluoride

