

Date - 29/4/2020

- (1) Prove that formula on 44.
- (2) Solve questions number 1,2,3 exercise 2.2
- (3) Solve 3 questions related to binomial theorem
- (4) What is the Square matrix and Diagonal matrix with example.
- (5) Solve questions number 1,2,3 exercise 3.1

Topic : IUPAC name of Haloalkanes.

A .Write the IUPAC name of following compounds :

1. $\text{CH}_3\text{-CH}_2\text{-F}$ 2. $\text{CH}_3\text{-CH}(\text{Cl})\text{-C}(\text{CH}_3)_2\text{-CH}_3$. 3. $\text{CH}_3\text{-CH}_2\text{-CH}_2\text{-I}$.

B. Write the structures of the following organic halogen compounds :

1. 2-chloro -3-methylpentane. 2. 1,4-dibromobut-2-ene. 3. CH₃-Cl