

Class-12 A

Date - 24/4/2020

PHYSICS.

1. Explain whether Gauss law is useful in calculating the electric field due to three equal charges located at the corner of an equilateral triangle.?
- 2- Determine the electric field due to a plane infinite sheet of charge.
- 3- Kinetic energy of a charged particle decreases by 10 as it moves from a point that potential hundred volt to a point at potential 200 volt .find the charge on the particle.
- 4- Define electric potential. Derive the the derivation of potential due to a point charge at distance r .

MATHS

- (1) Solve questions number 13,14 exercise 2.1
- (2) Solve 3 questions related fog and gof
- (3) Solve 3 questions related binomial theorem
- (4) Construct a 3×2 matrix if $[a_{ij}] = 2i + j$
- (5) construct a 2×3 matrix if $[a_{ij}] = i + 2j$