H. W for Class - 12A Date - 28/5/2020

Physics

- 1- What orientation of an electric dipole in a uniform electric field corresponds to its stable equilibrium?
- 2. What is the area of the plates of a parallel plate capacitor of capacitance 2F and with separation between plates 0.5 cm?
- 3. What is the work done in carrying a point charge 10 nC between two points separated by a distance 5 cm on an equipotential surface?
- 4- A parallel plate capacitor is made by stacking 'n' equally spaced plates connected alternatively. If the capacitance between any two plates is 'C', determine the resultant capacitance of the combination
- 5. Calculate the coulomb force between two a particles separated by a distance of 3.2 x 10-15 m

Class 12th (math) the for 28/05/2020 (Determinant)
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