- $\alpha + \beta = \pi/2$, $\gamma + \beta = \alpha$. Find relation btw α and (γ,β)
- The threshold frequency for a metallic surface corresponds to an energy of 6.2 eV, and the stopping potential for a radiation incident on this surface 5 V. The incident radiation lies in
- A tower stands at the centre of a circular park. A and B are two points on the boundary of the park such that AB (= a) subtends an angle of 60 at the foot of the tower, and the angle of elevation of the top of the tower from A or B is 30. Then The height of the tower is
- A electric dipole is placed at an angle of 30 to a non-uniform electric field. The dipole will experience
- Acetone does not undergo A substitution B polymerisation C condensation
- Limit x to inf sinx/x
- The harmonic mean of the roots of the equation : $(5 + \sqrt{2}\ x2 – (4 + \sqrt{5}) x + 8 + 2\sqrt{5} = 0$ is
- If a body has time period 0.5 s what is the angular velocity
- Two aeroplanes A and B bomb a target in succession. The probabilities of A and B scoring a hit correctly are 0.3 and 0.2, respectively. The second plane will bomb only if the first misses the target. The probability that the target is hit by the second plane is
- If x = 9 is the chord of contact of the hyperbola x2 – y2 = 0, then the equation of the corresponding pair of tangents is
- If a body is projected in projectile so that maximum height is 10m and it lands 20m apart what is the angle of projection A tan inv 2 B tan inverse-2 C pi/4 D 0
- 2^1/2*4^1/4*8^1/8.....inf
- What result did rutherford obtain throu his experiment (related to nucleus and electrons)
- CoF6 2- bhor magnetic moment of unpaired electron
- A charge is kept at x=a and x=-a if it oscillates between what if the value of kinetic energy
- Which polymer has definite fixed molar mass A pvc B baseline C nylon 6
- Angular momentum of a body at orgin of mass 1kg and postion vector r=3ti+4j ? A time dependent B 3 C -12 D 0
- The correct order of increasing C–O bond length of CO, CO2-3, CO2 is