## BITSAT 8<sup>th</sup> Aug 2021 Memory-Based Questions (PDF 1) – CollegeDekho Exclusive

- Frequency of a particle in shm is f.freq with which ke oscillates is
- Phase difference between Vout and Vin in common emitter ans 180
- A jet is following the path x<sup>2</sup>=y-2, a solider is placed a point (3,2). Find the distance when the jet is closest to the soldier.
- What is alizarin
- Structure of CIF3
- a man walks in a straight line for 5min with velocity 45ms^-1.what is the speed with which he has to move in order to come back to original position in 1.5min
- Fish:pond:: lion:? Ans cave
- All possible three digit numbers divisible by 3.
- Lim x->  $\pi/4$ .  $(\tan^2 x \tan x)/\cos(\pi/4 + x)$
- Distance between the curve x + y<sup>2</sup> =0 and point (0,-3) is closest from which of the points. a) (1,-1) B) (0,0) C(-1,-1) D(1,1)
- integral x^2/x^4-x^2+1
- 45:10:: 11
- Monomer of Starch
- integral of x^2/(x^4+x^2+2)
- 3 methylbut-1ene reacts with HCl. Give products
- what is the probability of getting 53 tuesdays in a normal year
- Correct structure of penicillin
- Maltase converts maltose into?
- Cyclohexanol with H2SO4 and heat. give products
- cyclohexanol on reacting with h2so4 and then heating gives
- Centre of mass of solid cone
- Possible structures of CIF3

