Name -> Prathamesh Deokar Roll No. -> BEIGFOUFOIL  $(02 (02-4)_y = e^{2n} - e^{-4n}$ AE 70102-4=07. 01 1 D= 4 D = ±2 (. = = c, e<sup>2n</sup> + cz e<sup>-2n</sup> Now P-7 = 1 (ean+b) + 1 (an+b) f(n) f(n)·· P. Z = 1 e - 1 e D2-4 D=a=9 D=a=-4 = 1 e ~ 1 e 4 m 16 - 4 Case fails 91 Je 291 P. I = 12e2n - 1e-4m sign -> A

classmate

classmate Name -> Prathamesh Deokar ROIL No. -> BEIGFOUFOIL Oreneral Soln = C.F.+ P.I G. S = Cient Czent nen - e-4x

sign - AR