UnitIII un for continuous random variable ils grf(x)dx put r=1,2,3,4---Def: Let x be a c.r. v with const for f(x) = k which is defined in the Entervel a = x = b then its p.d.f is defined as f(x)= { K + x e (a,b) b-a, otherwise where f(x) is const fu Note: Since fox) is const function and continuous in a < x < b, we have prop of prob density fu

a sassise, p.d.f.
for uniform on
Rectargular distribution. autorm or Rectangular distribution 7 f(x)= (b-a) Let a be a e.r. v with prob density for f(a) = (b-a) definied in the intervel a = 2 56 then , a = 2 = b (b-a) , otherwise for Retangular for Retangular ovenitornitation.