SMAT 31) i) Finite Range (PMF) -> Height of soudends but Rounded to the nearest integer Let X = { 150, ---, 190} be our domain. of in the possible domain is always P(x) \( \times \) han I hence P(x) \$0 Ép(vi)=I {by defination of probality} Trifinite Range

Theight of the students Emeasured precisely to any real value. = [ bp(ovdox >0 P(x) vsc Pr [n Ea, b] also so p(n) dn = 1 (By defination of padobliby

a < n < b

 $2) U(a,b) = \int_{b-a}^{b}$