Nama: Nabiel Nizar Anwari NRP : 5027231087 移. Latinan Soal 2.1 13. f(x) = \(\sigma^2 - 2x + 5\) D(1) = x2-2x+5 >0 R(F) = Fungsi berada didalam atar =[0,+00) = (x-1)2 + q > 0 D(F)= (-00,00) 17. L(t) = 300 x (40-2+1 40 CM = 12000 - 600t D(1) = 12000 - 600t >0 = 120 -6t >0 = 150 > Pf = t < 120 =) + < 20 D(L) = (0,20) Latihan Soal 2.2 10. a). f(x) = 3x, g(x) = x2+1 1. (Ftg)(x) = 3x + x2+1 $= x^{2} + 3x + 1$ D[F+9] = (-00,+00) D(Fog)=(-0,+00) 2. (F.9)(x) = (3x). (x2+1) = 3x3+3x DIF.9) = (-00, +00) 6). F(x) = 1x-1, g(x) = x+2 1. (F+g) (x) = Vx-1+x+2 3. (Fog) (x) = F (x+2) - 1x-1 = VIX+2)-1 D(F+9) = x-1≥0 = x≥1 = 1/x+1 D(fog) = x+1 20 =[1,+00) = x 2-1 2. (F.g)(x) = (Vx-1)(x+2) =[-1,+00) = ×1x-1 + 21x-1 D(F.g) = x -1 ≥0 = [1,+00]. (SIDU

