```
11. 11.25 Burnespayor gly or Beryun 7.
        30 gara: Byen recheun 35, echu g~ Exp/m), gou a, unco A=B,
                                                                                                                                     \frac{de}{dx} = \sup_{x \to 0} \frac{\bar{e}(x)e^{xx}}{\int_{-\infty}^{\infty} e^{xy}g(y)dy}
                                                                                                                                                                                                 10 = Eng (disent) - your shanefa: 1 = Se dois)
                             Pelwane a) Uman, year 3 ~ EXP(A), upe A= f. , re fix)= f. e m I(xxxx)
                                                                                                        => F(x)= f f(t)dt= f to e todt = -e to = -e to
                                                                                                                    => F(x)=1-F(x)= 1-11-e-2m)=[0-2m] = [0-2m] = [0-
                                                                                                       => g(x) = \frac{F(x)}{m} = \frac{1}{m} \int_{-\infty}^{\infty} f(x) dx shakens nacrocosto \int_{-\infty}^{\infty} f(x) dx = \int_{-\infty}^{\infty} f(x) dx
                                                                                             => G(x) = pe g(t)dt = fe = -e to 
                                                                                                   => G(9e)=1-6(x)=1-11-e-m)=em
                        8) Haisger Koneraciy R, gas Koropor (18; 818) your Kpanepa:
                                                                        £ = fe en g (w) dy sreny pabuo R?
                                             my je lugavolu = je lu e-th du = f l l ule-th) du = 1/m e ule-th) = 1/m lo-1) 
                                                                                                                                                                                                                                                                                                                               u apuren R-mio, te bei on.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        I maken to from hond
                                          5/ = 1/m 1-R
                                      \Rightarrow \frac{1}{m} - R = \frac{d}{m} \Rightarrow R = \frac{1-d}{m} - bom recueraum Kharupa
    8) Crumuu Aus.
           • reconcrens = \overline{G}(x) e^{Rx} = e^{-3R}, e^{(\frac{x-d}{m})x} = (e^{-\frac{dx}{m}})
· Juanencosens - fe by guyldy - for e (1-d) y e m dy = f fe - m dy = f - m dy
                                                                                            \Rightarrow \frac{G(n)e^{Rx}}{\int_{0}^{\infty} e^{y}g_{y}dy} = \frac{e^{-\frac{dx}{m}}}{e^{-\frac{dx}{m}}/d} = \left[\frac{d}{d}\right] \Rightarrow A = B = d
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