TPET69KOB A.C. AT-02 110,4) y(ln/x2-1/+c)=1, y(a)=1 D3-8, 10 zagar 1. (1/0/11+c)= Onden: y((n 1x2-11+1)=1 V10.12) x2-192 = 20ex 299'x = 92 + x2 Omben: 2xyy = x2+g2 110,32) ge2 xdx - (1+ e2x) dg =0 ge2x/x = (1+e2x)0/g 1/2/1 + 4/2/1c 4 = C ve2 + 11 4 10.36) dy = 20g lnxdx = 0 = 2 / Chx dx Jy' = x en x -x Onkem Jy = x kn x - x + c

10,33) 2ex tgy dx + (1+8) secgdg = 0 Sec<sup>2</sup>y dy = -2 \frac{e^x}{1+e^x}  $\int \frac{\cos^2 y}{\cos^2 y} \, dy = -2 \ln |1 + e^x| + C$ ln | tgg | = -2 en | 1+ex | + c Onlen: tgg (1+ex)2 = c 110.34) (1+g) (exdx - e2/dp) - (1+g)dg = 0 etdx - e<sup>29</sup>dg = 1+g<sup>2</sup> dg Setdx = St+92 dg + Se29 dg ex + c = en/1+g/ + Sig dy + ex etc= Ch(1+9) + (1+9)2 -2(1+9) + (h/1+9) + e39 Onlen: 10.35) (1+x3dy+y SI+x21dx-xydx-0  $\int \frac{dg}{g} = \int x - \sqrt{1 + x^2} dx$ 

11191 = 1 Xdx 1/2/1 = 1 /1/1/2 - /1/x + 1/2 + /1 + C Omben: y = C SI +x=1 X + Jx2+1 a= 2x+9 4 10.38) 4 = 2 + 9 4 - 2= 9 > 4 = 1 + 24 y'= u - 2 Suda - Sdx Su + 1/2 - 1/2 du = x+e 12 4 - E RA / + 4 4 / = x + C Onlen: 1+4x+39=ce3 10.40) 91= Sin (9-x-1) u=y-x-1 = u'=g'-7-7 g'= q'+1 att - sing du sina -1 5 a Sina - 1 1 = = = = 151ha - 26 du = 2 d E

000000: Sin4-1=0 69 5 X-1 = X 60 Conten: (x+c)(tg g-x-1-1)=2; ocadoe: g +x-1= = +2En 10.44) (192+x) &y + (29-9)dx =0; g(1)=1 Pelmune ka rpakmuke Onlen: 9= + en/91 = -x + /n/x1 + 1