P494. #5.	
a. 10 54.1 1 90 = (1958.4)	
54.1 303.39 (a, ) (11366.84)	e.
a= +94.1382 E= 329.0132	
9=72.0845-194.138E+72.08EIX	
bi 101 54.1. 303.39 \ / 40 \ _ / 1958.4	3-
54.1 303.39 1759.8 a, 11366.84	
303.39 1759.8 10523.1   92   68006.68	1250
1: as=1.2356 E= 0.0014	a.
a, = -1.1435 -: 4:1.2356+ [-1.1435x) +6.6182x2	
az=6.6182 been a deco	6.
C.1 10 54.1 303.39 1759.8 \ ( a0 \ - ( 1958.4 )	
54.   301.39 1759.8 10523   9, 11366.84	C.
303.39 1759.8 10523 64608   92   68006.68	
1759.8 10523 64608 405616 1 93 / 417730.7	ol.
9: [a=3.429] E=5.2734X10.4.	
9==.3792 9==.429/1(-2.3792) X +6.845bx 0.01371X3	е.
92 = 6.8456 MA. O : VALUET HIP. O = P. C. of 10.1 0 407	
93 =-0.0137	
d. loy = lob + ax	f
(1) (4.1 ) ( lab , - 1852.033.) = E= [ + + + + + + + + + + + + + + + + + +	
(54.1 30354) (9) - (285.49)	P.

```
: 0=0.3724 : E=417.69

5=24.2588 : y24.2588e0.3724x
             e. Iny=lob+ alax | lab | = | 52.0336 | 20 | 16.6995 | a | 87.6336 | 87.6336 | 16.6995 | 16.6995 | a | 87.6336 | 87.6336 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6995 | 16.6
                - x 19 = 200 (950 +- (1+2) = 0.007 = N = (NE) 4= 0 7 = 8
                           16 = 6.2390 : y=6.2390 x 2.0195
                                                                                                                                                                                           1-X=(X)[] 1 -
       a. 29= 5 (x -2x+3)dx = 20
       b. 29= 5-1x3dx=0 : 19,=0
       3a,=5,x*dx== | az== PL(X)==X
     C. 2a_5^2 \int_1^1 \frac{1}{x+2} dx = \ln 3 : (a_5^2 - 0.5493)

\frac{1}{3}(a_1 - \int_1^1 \frac{1}{x+2} dx = 2-2 \ln 3 : (a_1 - 0.2458) + 0.5493
    \frac{d}{2} a_{1} = \int_{-1}^{1} e^{x} dx = e^{-e^{-1}} \qquad (40 = 1.175)
\frac{1}{2} a_{1} = \int_{-1}^{1} x e^{x} dx = 2e^{-1} \qquad (a_{1} = 1.103) \qquad P_{4}(x) = 1.103 x + 1.175
    P. 200= 1 = cosx + 3 sin 2x dx = 0.84147
                                                                                                                                                                         190= 0.42072
                  3a,= 1, x 12 cosx+ 3 sm2x/dx = 0. 29026 | a, = 0.43539 :. P3(X)=0.43539x+
                                                                                                                                                                                                                                                       0.42073
  f. 2q_0 = \int_{-1}^{1} \ln(x+u) dx = 1.2978 : \int_{-1}^{1} q_0 = 0.52815 \int_{-1}^{1} x \ln(x+u) dx = 0.3521 \int_{-1}^{1} q_0 = 0.52815 \int_{-1}^{1} x \ln(x+u) dx = 0.3521 \int_{-1}^{1} q_0 = 0.52815 \int_{-1}^{1} x \ln(x+u) dx = 0.3521
P506 #11
```

B' = 20 x6 x(x-1), qx = 1 6 r/m = x + 2150 = 9

KALE O SERRY YOUR STORY OF SERRY HOLD SERRY HOLD SERVING SERVI  $B_{2} = \int_{0}^{\infty} x e^{x} (x+1)^{2} dx = 3$   $G_{2} = \int_{0}^{\infty} x e^{x} (x+1)^{2} dx$   $G_{3} = \int_{0}^{\infty} x e^{x} (x+1)^{2} dx$   $G_{4} = \int_{0}^{\infty} x e^{x} (x+1)^{2} dx$ L2(x) = (x-3)(x+) 2x2-4x+2-4866.18 \ A \ [886.86 3914] B3 = 5 G=4 L3(X) = (X-5)(X2-4X+2)-4(X-1)=X3-4X+18X-6 4 (L(X)=X-1 2910, X 0988. J=Y: 0981. d= 1 L3 (X) = X3 - 9x2+18X-6. 142(X)= x2-4x+2 20 = 1 (1 2xB)du = 200 के किया देश के किया है के किया है के किया है के किया है किया ह 1 9'7 5 TY 240= 174 gx = 6 . 7 41 = 0 200 - 1 Totalda = 103 : 100 = 0.5493 30,=1, 7 m=5-1703 20503 8 10503 4 2-163 260 : [ 6 8/1 : 6 - 6 . . . [ 40 : 1.1 35 30=1, xedx=2e+ 10:1.103 Palx1=1.175 2000 11 2 court 3 show dr : 0.84141 100= 0.4202 र्याः र्रमार्थकारम् विकासम् विकास वि E[ 074.0 6109.0 = col: 290 5 14 holytoldx=1.208 34,= [ I hoke ] dx = 0.3/21 (a = 0.5780 - 500 0.2080, x + 0.8750 = 0)