Problem at = 3

Expected Vanue of Orustion 1= 0.9 x 100=80\$

Se Scummo 1:

Que Person aroun dirst Overton Connecty & products to Question?.

Expected volumnt Qn2 = 0-5 \* 200 = 1004 Scenario 2:

Since avise terminates of ansung income eng + hu vouse is O.

To tal Value

(408 500540 + 001048.00 x 1 ours 200)

+ Scenemo 2(0) = 80 4

On companison one can sethet

E[0,]=80 l E[Qe]=80 So to Massimise prise order dont man.

- 0.5

(i) 
$$P(K \le 1) = P(K = 0) + P(K = 1)$$
  
= 0.3033 + (e<sup>+0</sup> +0.50)/0!  
= 0.3033 + 0.6065 = 0.9098  
 $P(K \ge 2) = 1 - P(E \ge 1) = 1 - 0.9098$   
= 0.0902

Consituonal Pay 12 ans.

21.01

$$P(x|x) = 2$$
 for  $0 \le x \le y$   
 $P(x|y) = 0$  for otherwise.

P(xxx):

2 = (-10 - 34) / = (-15 - 34) / = = 2.5

$$\frac{1}{2}(2.2) = 0.0861$$

$$P(Temp > ATC) = 1 - \Phi(2.2) = 1 - 0.0865$$

$$= 0.0130$$

$$= 4 [5(0) - (-541)] = 1$$

$$A[5] = 1$$

$$A=1/5$$

$$P(x>10) = [5(0) - (-5e^{-2})]$$

$$P(x=5) = [75(0) - (-5e^{-2})]$$

$$P(52x<10) = [75(0) - (-5e^{-2})]$$

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