

```
Desertion! aowrows
    No of question per day (n) = 8
    correction Rate = 75. 1 = 0.75
   probability of inconnect answer - 1-0.75 = 0.25
   probability to solve squeetin cores.
     P(I) = C APZ x (1-P) n-x
    P(G) = 8 × (0.75) 5 × (0.25)
        =8! x (0.75) x (0.25)3
5! x (8-5)!
       = CX7×6×5.1×(0.75) × (0.25)?
        51 ×31
      =56 AO. 237305 X0.015628
      = 0.2076.41602.
Barka:
No of question per day n=12
correction Rate = 45% = 0.45
Probability of incorred = 1-P = 1-0.45 = 0.55
Probabilit, of solve squestion correctly,
  P(s) = 2 x (0.45) x (0.55)
       = 792 x (0.45) 5 x (0.55) 7
       =0.2225
```

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Probability of answering u queestoons
      by Crawraut-
           P(u) = 8 Cy x (0.75) 4 (0.25) 4
               = 70 × (0.75)4 × (0.20) 4
                                                 Probability
              = 0.0865
    Probabilitity of answering a question,
                                          Consell
   by Barak
         P(4) = 12 (0.45) 4 (0.58)12-4
             = 498 x (0.45) 4 x (0.55) 8
            = 0.16996
                                                  Probabilet,
                                                  Borakha
  probabilit of answering 6 question Correlly
 by Craeras
        P(6) = ( x(0.78) 6 x (0.25) 8-6
             =28 x (0.78) L (0.25)?
            = 0.3115
Probability of answering & greeterns cornels,
by Borake
                                                    * Num
    PC6) = 12 ( x(0.48) { x (0.85).
                                                      two
                                                     1 (01
         · 925 x (0.45) 6 x (0.55) 6
                                                       que
                                                        ab
       = 0. 2124
                                                       cor
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of answering coorset Corret answers answerdy correct owns by Dio babe let Borakha 0.05 * Number of questions obtined and correction hat c two main factore affecting their obstition. · Coricleon Rate is important rathe than number of questions aftended. In core of Bankhe, he has abolity to answer 12 question per day. But the correction acte) less. There is no point is ancienting all the west and with wrong conwers , so of correction Refe I good, The probability of answering a question will be good,

3 Curtomer avoice at a Roche of 72 Por hour to my shop. What is the probabolity of hour arrivery in uminuets. 6 5 customs 6 no more than 3 customes Orive a pictorial supresentation of the same to el 4 = 72 / hour = 72 ple 60 min. foi u monats = (4x 72)/60 = 4.8 a) 5 customs p(s) = uh c-u.

11!

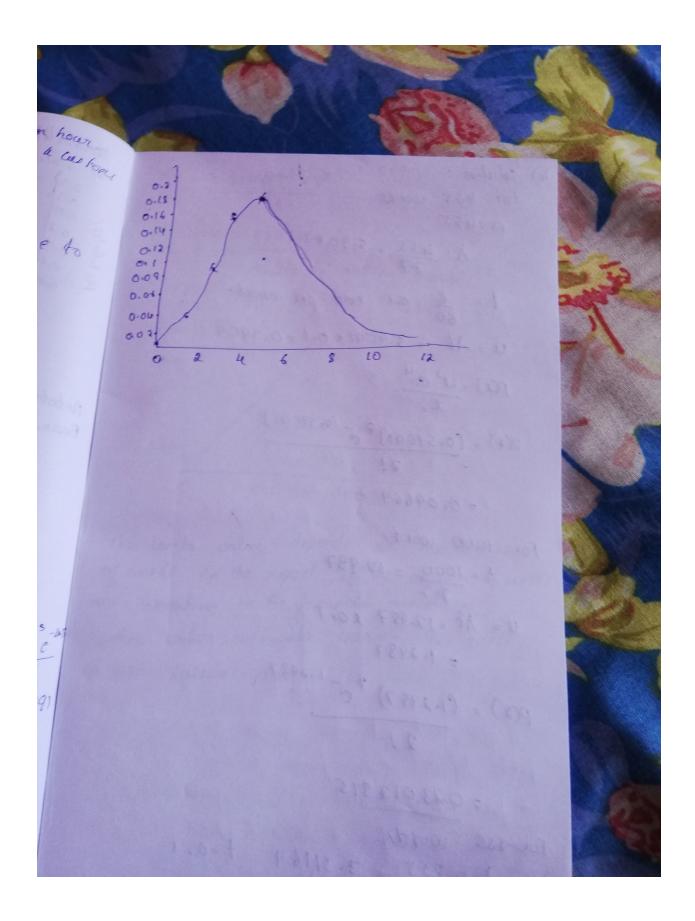
= (04.8) 6 c-4.6

5! = 0.6747 b) not more than 3 curtomes

p(443): \(\frac{3}{2} \) \(\frac{4}{2} \)

= (4.8) \(\frac{2}{2} \) \(\frac{4}{2} \) \(\frac{4}{2} \)

= (4.8) \(\frac{2}{2} \) \(\frac{4}{2} \) \(\frac{4} = 0.00823 + 0.039503 fo.094807 +0.1516 - 0.29422 c) more man 3 Customers P(h)3) = 1-p(KE3) =1-0.294229916 = 0.705770089



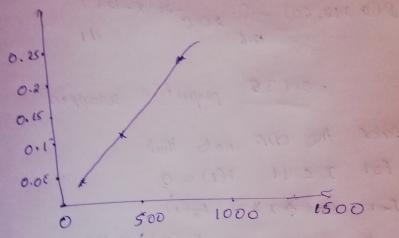
For 455 words n=455 1= 455 = 5.9091 t = 6 = 0.1 evro, por monut. u= 1t = 5.9091 x 0.1 = 0.5904, $p(\alpha) = \frac{u^{2}e^{-u}}{2!}$ 6.25 P(a) = (0.59091)? = (0.59091) 0.15 0.0 = 0.09669 For 1000 words 1=1000 = 12.987 The U= 1t=12.987 x0,1 = 1.2987 tombo PC2) = (1.2987) ? -1.2987 in tw 2! = 023012815 For 285 word. A = 255 = 3.31169 + 0.1At - 3.31169 x 0. 1 = 0.331169

P(a) = (0.331169) 2 x e 0.331169

8!

= 0.039377135

— mobality of getting 2 eronor



The tamba value depends on the number of words of words in the report. If the number of words are increasing in the financial support. The lamber value wolf, able inecessor. This world in turn incress pmF.

and I have a formal 10,0