JOINE 2010
24 WEDNESDAY 8 IJ Given problem is about how many times a 9 particular event takes place, so we will use 10 Poisson, distribution for the same.
17
Let the time be t So the average raindrops = t x 20 x 5 = 100t
= 100t/20 = 5 times 5 6 Probability for no raind note = P(x=0)
Evening $\frac{1}{2} = \frac{5}{5}$, $\frac{1}{2} = \frac{5}{5}$
25 THURSDAY 27 As X is the random day of the week,
so probability of x is 1, nere, 7 7 7 9 7 9 9 9 9 9 9 9 9
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\frac{1}{2}$ $\frac{2}{3}$ $\frac{3}{4}$ $\frac{1}{7}$ $\frac{1}{7}$
4 5 1/7 1/7 5 6 1/7 1/7 5 6 7 1/7 1/7
Evening T 1/7 1/7 => Au the values of 2 and 4 have equal
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
2015 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 23 20 17