Name: Raghar Mahashwarii ROUND: 53 Panel: A Tutorial-6 (FS) for poisson distribution brobability mass junction (PMF) of reendom variable is defined P(m) = 1 c-1 " Mean of poisson sustailbution is is equal to suite paramete Here we have 1=2 \$ P(n) = 2 2 e-2 frobability of accidents in a mounth is equal to two $2 \cdot P(x=2) = 2^2 e^{-2}$ $P(x=2) = \frac{2}{e^2}$ P(x=2) = 0.2707Given, P(i) = 2P(2) $1 = 2 \cdot 1^2 = 7$

$$A_{1} = 2 \cdot \frac{1}{2^{2}}$$

$$A(A-1) = 0$$

$$A = 0, A = 1$$

$$A_{1} = 0, A = 1$$

$$A_{2} = 0, A = 1$$

$$A_{3} = 0$$

$$A_{1} = 0$$

$$A_{2} = 0$$

$$A_{2} = 0$$

$$A_{3} = 0$$

$$A_{4} = 0$$

$$A_{5} =$$

... 0.7734 Stydents less than 48 marles. Total students = 450) Students less than 48 marches = 450 x 0.7734 = 348.03 -: DD, of students (5 48 moorles) = 348 Ans De know, Z= x-4 P(26 5 NK 40) Z= 40-30 = 2 z = 26 - 30 = -0.8-: P(265MK4D)=0-97125-0-21186 = 0.765 39