DA fais die is tossed 720 times. Use Deby cheffi to find lower bound for probability of getting 100 to 140 sines

(i) γ(α) α -2 -1 0 1 2 3 x (x) ρ(α) 0.1 k 0.2 2 k 0.3 3 k (x) (i) Find K (ii) P(x22) +P(-2Lx22) (iii) cdf of x (iv) mean of x (v) variance of x

3. Dist for of R·V x is F(x)=1-(1+x)e, x>0 Find density for, mean, variance of X

UNIT-2

(1) sinomial diet:

2 3 4 5 6 Total

2 (x) 5 18 28 12 7 6 4 80

(8) In an engineering exam, student is considered to have failed, is considered to have failed, is secured second class, first class secured second class, first class and without blue 45+60 1/1 blue 60% stores, 45.1. July 45+60 1/1 blue 60% stores, 45.1. July 45.1. Tesp. In a +75 75.1. + above 75.1. resp. In a particular year 10.1. of student particular year 10.1. of student failed in exam \$5.1. got distinction. failed in exam \$5.1. got distinction.

3) out of 900 families with a children each, how many families expected to have (i) 25045 + agirls (ii) atteast 1604 have (i) 25045 + agirls (ii) atteast 1604 iii) atmost 2 girls (iv) children of both iii)

Desume mean height = 68.22 inches with variance 10.8 inch? How many soldiers in regiment of 1000 is enpected to be more than 6 ft?

UNIT-3 SI 19 17 15 21 16 18 16 14 S2 15 1A 15 19 15 18 15 Test whether they're drawn from same normal population (3) Theory predicts that proportion of beans in 4 groups A,B,C,D thould be 9:3:3:1. In expt. of 1600 beans numbers were 882313, 2873118. Does the empt. support theory? 3) Test 1 19 23 16 24 17 18 20 18 21 19 20) Test 2 17 24 20 24 20 22 20 20 18 22 19 Are the students benefitted? @ Group of 5 patients treated with medicine A'weight 42,39,48; 60,41kg second group treated with 18 weighs 38,42,56,64,68,69+62kg. Do you agree with the claim that B diceeases weight? medicine Sample size Mean variance 9.6000001,1.2 2 11 16 5 2.5 Are they drawn from same normal ropulation?

A THE WAY IN

