mas170.04.14 Tuesday, April 14, 2020 9:47 AM Exam 3: Can you see it on Canvas? Any trouble with the technology during the exam? Sampling Overkiew: 19,20,21,23 Review draws (with replacement replacement Box model = Population Singledrow tickets in box nombers on each ticket examples: Tdollar valves ch (6,17,18) |  $\frac{1}{5}$ ,  $\frac{1}{5}$ ,  $\frac{1}{5}$ ,  $\frac{1}{5}$ ,  $\frac{1}{5}$ ,  $\frac{1}{5}$ ,  $\frac{1}{5}$  only  $\frac{1}{5}$  counting educational level (plays of a game) Q: est probability their draws 30X have some range Ch 16, 17, 18 Unknown ortput box contents know Prediction parameter 5 ave (box) use expected (sum) = are(box) #(drews) Z SD(box)= (Sum)= SD(Lox) (#Drus Ch 19, 20, 21, 23 box contents Unlenows have: sample dates Correction make estimates are (box) = 7 factor n ference SD (60x)=? Ch20 Som of draws are et draws Predictions is using a know probabilites about sample values, Inférence is using sample statistics to estimate unknown parameters. A 45 5 Rev1,10 A46. "all men"... Sample = all nothing unlenown nothing to estimate 18 you old males in Netherlands Yes! Bins. Rev Ex 1 random draws all tix same chancel to drawn sample = simple roudon all voting agé eligible people in us 100 draws with replacement #H's in Sum of 100 flips (00 draws Jair coin by , 23. 11