Task-21 Probability Hodel wearses Probability), Statistic 11 ingu 5 about fligping coins Q1: No, Solvinso de la la la la dia co àx fair coin P(Heads) sos PCTAILS) 22: P(TAils) =0.50 4500059 weill 0.59 1 05 1 08 128 108 Q3: LoDaed Coin + P(Heads) = 1 - P(Tails), 20 P(Tails) + P(Heads) = 1 | P(A) = 1 - P(7A) Qq: P(Heals)=075, P(Tails)=1-0.75=0.25 Two Flips: Qs: {Heads, Heads} -P(H)=0.5 - P(H, H)=0.5 = 0.25. I are so and the sine by with sing so Truth Table FLOP-1 Flop-2 -P(H, H)= P(H) * P(H) = 0.5 x 05 = 0.25 0.25 1 26: IF P(H)=0.6 - P(T)=0.4 - flips flips 9:7 H P(H, H)=0.6x0.6 = 0.36 Truthetable 1 = x H T P(H,T) = 0.6 x 0.4 5 0.24 م دانا ناج الاحمالات عيد H P(T, H) = 0.4 x 0.6 = 0.24 11 st start 1 ver. T P(TT) 50.9 x0.9 50.16) Q:8 -0.36+0,16+0.24+0.29=1

Qig + P(H)= 1 & P(T)=0 - P(H, H)= 1 *1=1 I Q: los P(H)=0.5 - P(exactly one H) + 1 le 150 is all soit seid من حقكول بعث الاجتالة الح المره من المحتالة المراسية المحتالة المح 0.25 B Q 11 P(H, H) Q112-3611 PS 0.25 & [0.25 to.25:05] D:12 Plexactly one H in 3 Elpin = 3x0.125 : 0.375 Q:13 If P(H)=0.6 p(T)=0.4 Elipi flipz FLPA = 0.216 1-0.096 Plexact out 3 flips) = 0.096 #3 50.288 H 1-0.096 Even Roll alogation fair Die - P() = 1/6 -1,2,3,4,5,6) Q:14 PIDIE : EVEN ; O.S. Peisles MI aut 21 & alazoris P(Even) = 3 = o.s THQ: 15 THROCS A fair DIE Twict P(Double) = 16= 16 20 20 cuis cher de 16 gio de 136 sic कि । हिंदी है को कि प्राची हैं। विकास के المالمال احدال في نس العدوين كل الم SUMMARY ricople LO OWESTI Co OSTESI, Obled I ru an Sea Molil + تنو ماليانا ت عنك العله العدسة او قرالزر وان الاحتال له هو1 واحال حمول est in P= 1 - P/ (what the list list) -1) co Lu des Truth take