Quiz 1. 21 ways to arrange 2 books (n-1)! ways to arrange n-1 books n! ways to arrage n books A= book and book 2 being adjacent P(A) = 2!(n-1)! treat the 2 books as one 2.0) let the favourite pair be 12,18 98 Cy ways to choose 6 with the 2 favocrites 40C6 total ways to choose 6 b) P(A+ least 1 pair) = 20 : 38 Cu 40C6 P(No pairs) = 1- P(A+ least 1 pair) _ 38 64.20 406 c) p(exactly I pair) = 20 pg Cy (2C1) ways to choose I pair exactly 40 C6 total ways to choose 6