

Ex Eat at lestanian R1

Ex Deck ob Standard playing Cardy

5 Suit (Ace, Diamond, Clubs, Soudes)

6 Rank/Value (A, 2, 3, ..., 10, J, Q, K)

(1)

Suit Rank

4 × 13 = 52 playing cards

Ex Restaurant R. get 3-course meal 65 apps appl entrees 534 entrees Ly 10 desserts #3-consepred = 5 x 34 x 10 R2, get drink-entree combo is 7 drinks

(-, -)

Lo 12 entrees

drinks

treal at R2 = 17 × 12 Total # meals = (5x34x10), + (7x12),

n(R2)

Ex Exam broken into two parts. Part A and Part A: \$10 T/F or 4 MC (but not both)
Ly Each MC has 5 possible answers. Want He ways to answer Part A 12 # ways auswer 10 7/F: 2". 21° = 2x 2. Lott ways 4 MC w/5 answers per?  $5^4 = 5 \times 5 \times 5 \times 5$ # ways to answer Part A: 210+54

" Part B: 8T/F or 5 Mc (but not both) Las Each MC had 4 possible answerd Q How many ways to answer Part B? Q If you take both Part A and Part B, how many ways to answer exam? (210+54) X (28+45)