Nishant Jindal

Permutation & Combination

(1) Day 1 – Day 10 hrs रोज़ होना chaiye.

(2) Not Reply if Qs. is asked in Bet^{n}.

(3) No mam Ke laddu Jesa mene btaya vesa Kriye plz.

(4) DPPs only

(5) DPP में only 3 Qs Correct Plen y mene V. good
2 Qs good, 1 Qs → OK, 0 Qs → Gadhedd
> 3 Qs → Next DPP में promote

(7) Chapter finish hone K bad hi Judge Karen Compare with your friends.

(8) Doing all qs of any ILI material is a hoax.

(9) Pls stick to Pnc only one Pnc is started.

(10) Irregular →

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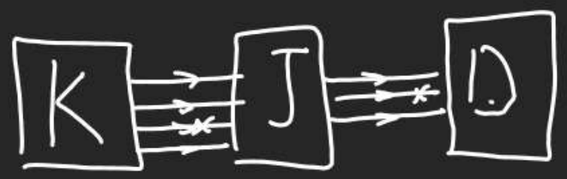
KJD Model.



(1) IHMW a person can go to delhi from Kota via J for.

$4 \times 3 = 12$

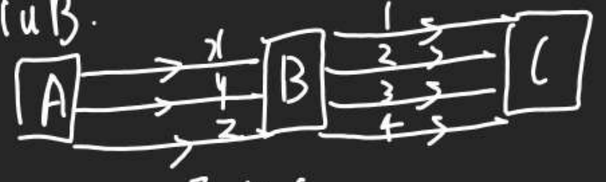
(2) IHMW a person can go to delhi from Kota & come back To Kota again

$4 \times 3 \times 3 \times 4 = 144$

(3) IHMW a person can go to Delhi from Kota & come back to Kota from a different Path.

$4 \times 3 \times 2 \times 3 = 72$

Q There are 3 ways to trave from A to B & 4 ways to travel from B to C. IHMW a person can travel from A to C via B.



3×4

(x,1) (x,2) (x,3) (x,4)

(y,1) (y,2) (y,3) (y,4)

(z,1) (z,2) (z,3) (z,4)

12 options.

Multiplication Principle :-

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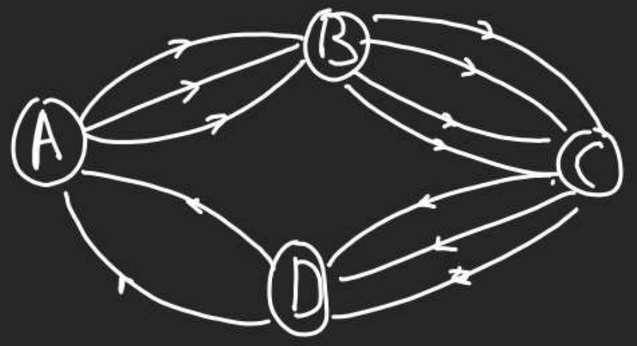
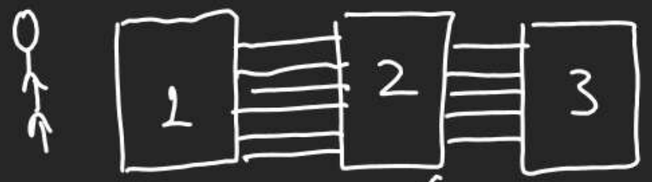


Q In HMW a person can travel from A to C Via B or Via D.

$3 \times 4 + 2 \times 3 = 18$

A B C या A D C

Station Model



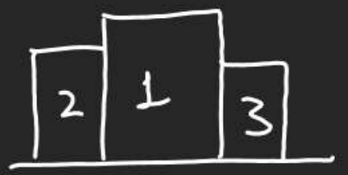
In HMW a person from Platform 1 to Plat. 3

$6 \times 5 = 30$

In HMW a person can go to either Pl. 1 or Pl. 3?

$6 + 5 = 11$ Way

Q 12 Students compete for a Race No. W. in which 1st 3 places can be taken.



1 Place के लिए $\rightarrow {}^{12}C_1 = 12$

$2^{nd} \longrightarrow {}^{11}C_1 \rightarrow 11$

$3^{rd} \longrightarrow {}^{10}C_1 \rightarrow 10$

$12 \times 11 \times 10$

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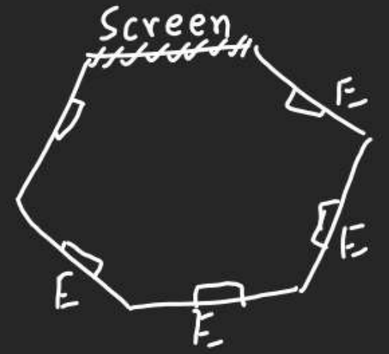
Q There are 4 Books one each of Phy, chem, math & Bio. These books need to be arrange in 4 Boxes. In HMW they can go. {only one book in one box can be accomodated}

4 x 3 x 2 x 1 = 24 Way

B P C M
B C P M
B M P C
B C M P
B P M C
B M C P

P B C M
P B M C
P C B M
P C M B
P M C B
P M B C

Q There are 4 Ways to enter in Cinema hall & 5 Ways to Exit. In HMW a student can watch a movie.



$^4C_1 \times {}^5C_1$

4 x 5 = 20 Ways.

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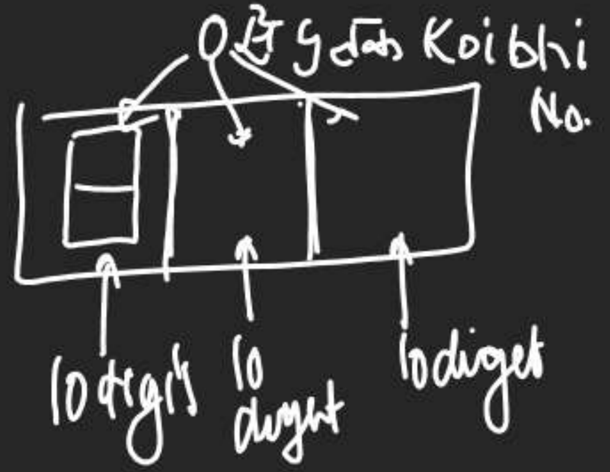
Q A Customer forgets a 3 digit code for ATM Pin. Find the Largest Possible No of trials to obtain correct code.



$^{10}C_1$

$10 \times 10 \times 10 = 1000$ Attempt लगा सकता है।

1000 different Pin Possible.