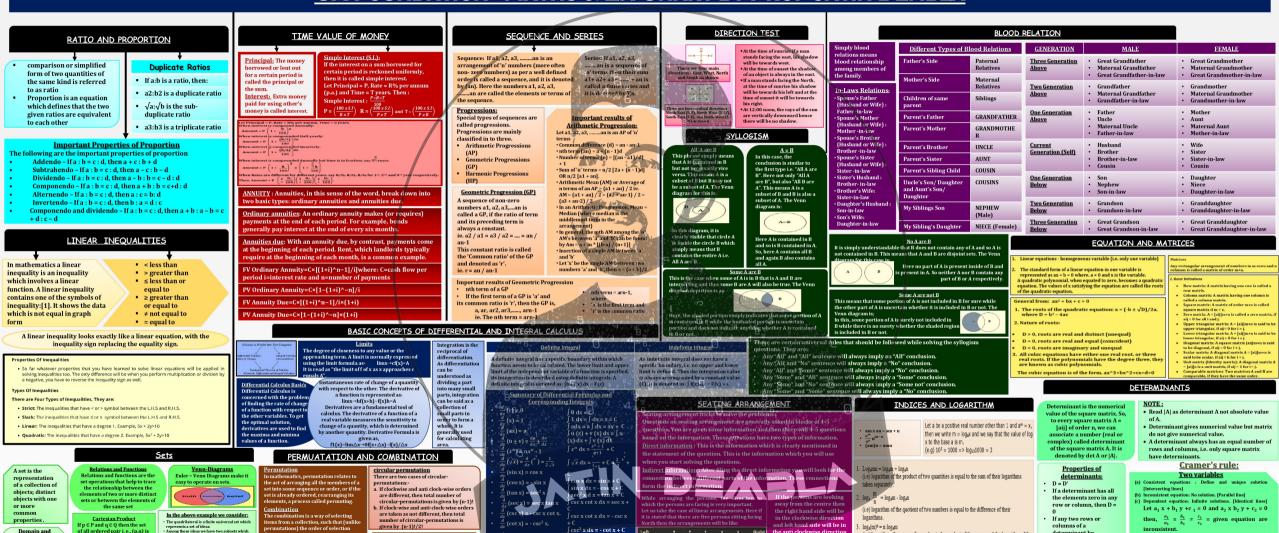
Downloaded From www.castudynotes.com

CA FOUNDATION - MATHS & LR CHART BY PROF JATIN DEMBLA



the set of all first elements of R. The range is the set of all secon Total no of

CALCULATOR

Range

The domain is

elements of R. P × Q is null if either P or Q relations for n(A×B) are 2n(A)×n(B)

nent of the ordered pai

helongs to the set P and ever

second element belongs to th

f all ordered pair i. e., (p.g) is lled the Cartesian product o

- Set of Ideas that are the truth, let's denote them Set of Ideas that are the beliefs, let's denote
- is the set of ideas that are either T or B or both T ∩ B is the inters

- nPr = (n!) / (n-r)! Here, T∪B is the union of these two sets which
- from a set of n things without the set of ideas that are both T and B i. e., K as already mentioned. Now, to find no. of elements in T U B we have, replacement and where order does not $n(T \cup B) = n(T) + n(B) - n(T \cap B).$

A permutation is the choice of r things of 'n' different things taken 'r' at a time: from a set of n things without replacement and where the orde

are taken as different, then total number of circular-permutations If clock-wise and anti-clockwise orders are taken as not different, then total number of circular - permutation

milarly if the arrangement is a double row arrangement, then one group of people will be e persons may be facing the centre of the circle or they may be looking away from the center, if they are looking towards the center then the right hand side will be in the anticlockwise direction and

Davida and Evans visite and trademater

left hand side will be in the clockwise direction as shown below:

South then the

(i.e) logarithm of a power of a number is the product of the power and the logarithm of the $log_m m = 1$ (i.e) logarithm of any number with respect to itself as base is unity (i.e) logarithm of unity with respect to any finite quantity (other than zero) as base is zero.

determinant be interchanged, then D' =

multiplied by the same

number k, then D' = kD.

If a determinant has any two rows or columns identical then D = 0. If all the elements of any row or column be

If $\frac{a_1}{a_2} = \frac{b_1}{b_2} = \frac{c_1}{c_2}$ = given equations are dependent

- D₂ D and z = D₂/D, where D =

dybyry 10s as dyry 10s as by dy