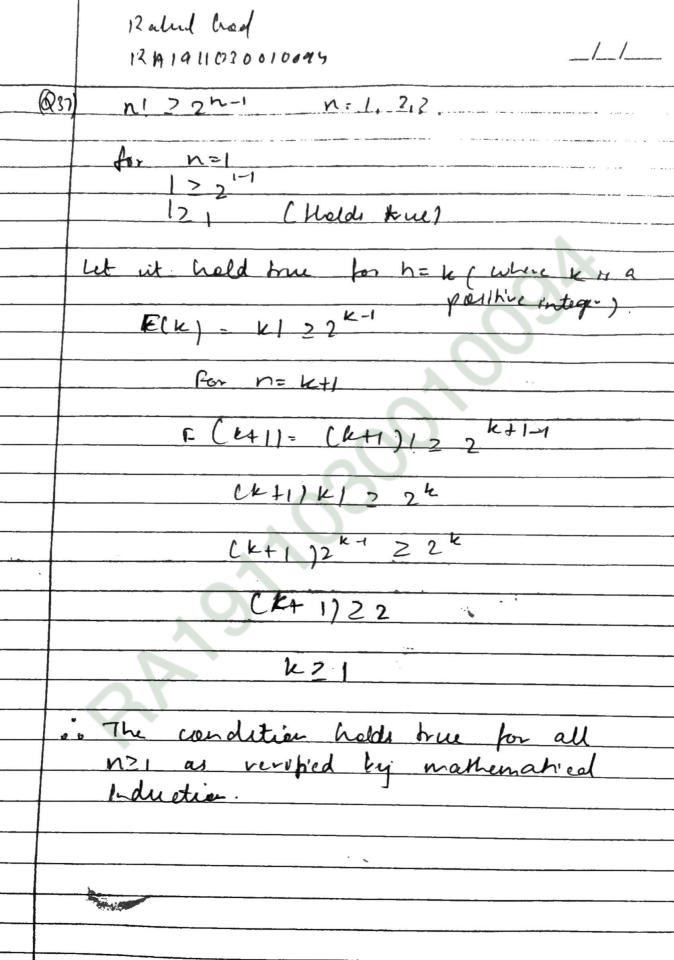
2 about trad 12A .411 0100 10094 \_\_/\_/\_\_ (37) first degit neust be 5, 6 on 7 There are a total of 7 digits out of culiids we have a total of 4 of 50, be and 71. Henre 4h of the total number of positive integer that can be formed from the given digits obey the constraints. The tatel number of positive Integer that can be formed from the guine 7 degits noting that 4 and 5 appear truits. satisfying the constraint.  $= \underbrace{4}_{2/2} \times \underbrace{7!}_{2/2}$ = 4 7/11 = 720.



Ratural broad \_\_/\_\_/\_\_ RA1911020010094 (Q3P) for If there is vain of crowle of crops will be good. Symbolic Representation pop Convene y -> p there is rain! In herse: ~p-1 ~q of crops will not be good! Contrapositive : ng s ~ g good then it does not vair!

Babaul bred 12 A1 9 11 03 00 10 094 Prime factorigation of 6647 (233) The factor tree of 6647 can be 6647 6647 = 1' X 172 x 231

12 abril brail \_/\_/\_ 12 A1911 0300100 94 (032) We've to relect 10 points in the Interior of on cognitation briangle of side 1, Let A Obr be the given requilateral she The paints of joints B, E; E, E; and H, I are the paints of intersection of the sides AD, Dh and CA rupe chiraly. So, we have divided the De ADh onto 9. The 9 guls 1 hs may be considered as 9 pogeon hale and the 10 Interior points may be regarded as to pigeons. Then by pigeon hate principle, at dast me suy ble must contain 2 introver points. The dostainse blue any tree interior points of any Out 18th Cannot inced the leight of the socie namely 1/3. Here, proved.