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1 100 + 100 T
                1 Lacs = 105
                                                          · 21170/07
MATHS
                1 million = 106 = 10 Lacs 1 = 001 = portion 1
                1 crore = 107 = 100 Lac's 101 = 1000 1
                1 billion = 109 = 100 crores ! 1 + , out !
                1 tallion = 1012
9 - What is the number of laptops sold in Bangalore on an average
     routine day?
- Laptop is a costly product; I am a sourning ! people buy laptop only when
  they need. so I will calculate potential market of laptops in India.
    Population of India = 1.2 billion = 120 crosse
      1.5% is Bangalore = 18 Million to 20 Million la college
  O- Age Distribution
    0-15: They don't need personal laptop. They prefer to use other laptop.
: 30% of population => 10% of 20 = 2 Million
             Assume 60% of population own laptop = 60% of 2 = 1.2 million
22-50: 40% of population => 40% of 20 = 8 Million
            Assume Divide them into 3 classes
 White collar Job (Permanent eg IT) - 25%
       = 80% people own laptop = 80% of 5 = 4 million
                1) Blue Collar Job (Daily worker) = 50% - No laptop.
                11) Small busines man (25%) - 25% of 20 = 5million
                  = 30% people own laptop = 1.5 million
   50-80: 20% of population => 20% of 20 = 4 million
           - They also don't own any laptop.
  Total laptop in Bongalore = 1.2 + 4 +5 = 6.7 million
 Average age of Laptop = 5 years . = \frac{6.7}{5} = 1.34 million
 Each year = 1.34 million, Each Day = 1.34 = 13 lacs 40 thousand
                                           = 3671 laptops.
 So, this include Deaktop population also. Suppose loptop population is 80%.
    = (0.8) * 3671 = 2936 laptop is sold per day (which is way more
  than actual, we missed some step)
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y mes alos.
             1 Lac = 105
 Maths >
             1 million = 106 = 10 Lacs 1.
             1 cross = 107 = 100 Lacs TO = .....
             1 billion = 109= 100 crore .. Pope and p
CASE STUDY 04 - What are the number of smart phones sold in India
                     per years
      Population of India = 1.2 billion = 1200 million,
   Population above poventy line = 70% = 70% of 1200
                    seens of . would . . . . $ 840, million . acristages
        Population above 14 years = 70% = 70% of 840
                                          = 588 million.
1 Rural population (stays in city) = 70% = 70% of 588
        Average family size = 5. Rural household = 410 = 82 million
 Rural Mobile pentration: Avg 2 per household = 82 + 2 = 164 million
       In Tural assume new mobile is bought once in 3 years = 164 ~ 55 million
    (2) Urban population = 30% = 30% of 588 = 17.6 Million
    Assume Avg No of Mobile per person = 1.5 = 176 * (1.5) = 265 Million

New mobile is bought in 1.5 years = 176 = 116 million.
   Assuming 3 out of 10 are new mobiles 90
                   = 320 = 100 Million smart phone sold in a year.
            Total laptop in Bongalore = 1.2 + 9 HS. . 67 million
               Average age of Ceptop = Byears. = 6.7 = 1.59 million
     Fach year : 1.39 million , Each Day = 1.84 . 15 lace 40 thousand
        : SCHI lablate :
So, this include. Deality population also. Suppose laptop population is solve.
  : (0.3) * 36+1 - 2936 laptop is sold per day (conich is way merc.
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