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B Rajosh Achord, Assignment on H-W equillabrium.
Roll no - 1811047
I total no. of Individuals Engenotypes AA, AB, BB are
          1 / 500, 750 nespectively.
           total populations = 1251
                                                Chata
    Let frequency of A = P
                                   · 中国 · 上海·
                     B = 9
    Population having genetype AA = P2 = 1
                              AB = 2pq = 500
                       " BB = q^2 = 750
           P = \frac{1 + 500 + 750}{1 + 500 + 750} = \frac{251}{1251} = 0.2006
    9 = 1- P = 0.7994
   expected proportion of AA = p^2 = (0.2006)^2
                                    = 0.04024036 = 0.04024
         of AB = 2pq = 2x0.2006 x0.7999
                                     = 000'6.32072
                            B = q^2 = (0.7994)^2 = 0.63904
  expected population = expected proportion x total population:
    Fapecteel population of AA = P2n = 0.09024×1257
   expected population of MB = 2pqn = 0.32072 × 1251
                          B = 292 = 0.63904×1251
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 $\frac{27^2}{2} = \frac{7}{25} \frac{(0-E)^2}{(0-E)^2} = 48.28 + 24.286 + 3.048$ = 75.714

DOF for 3 genotypes = 2

Az for 41-W equilliprium, the nequired 22 35 5.99.

The population is not in HW equillibrium.