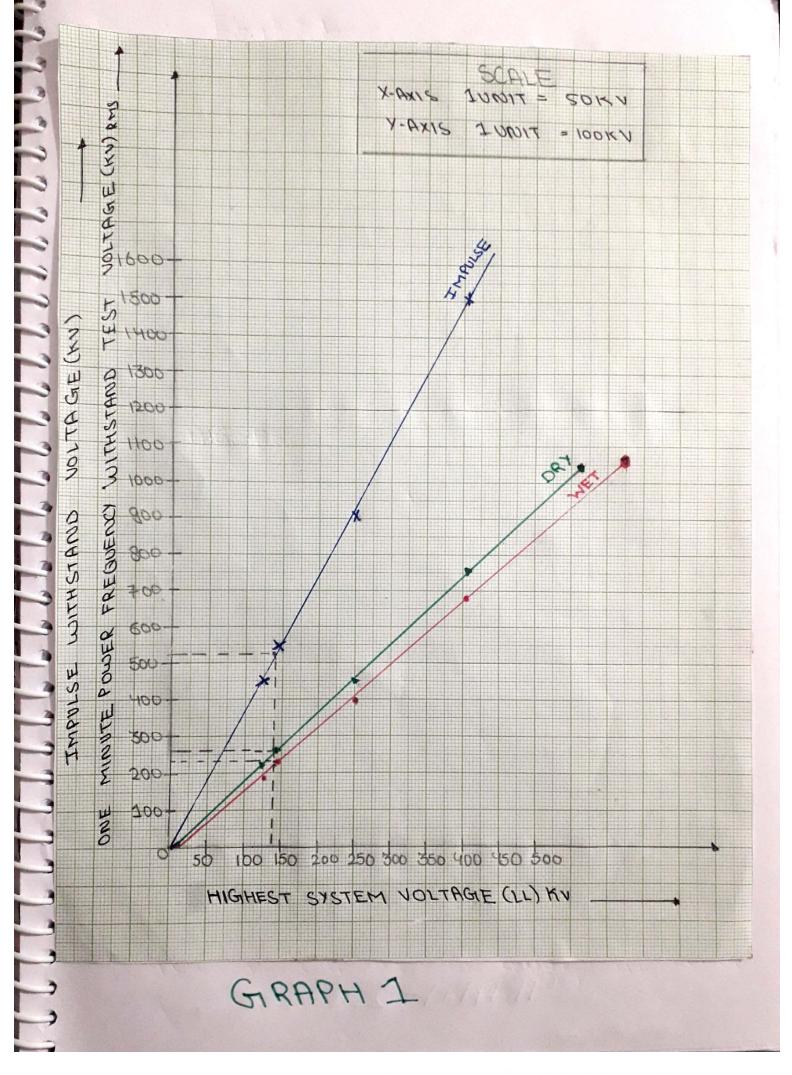
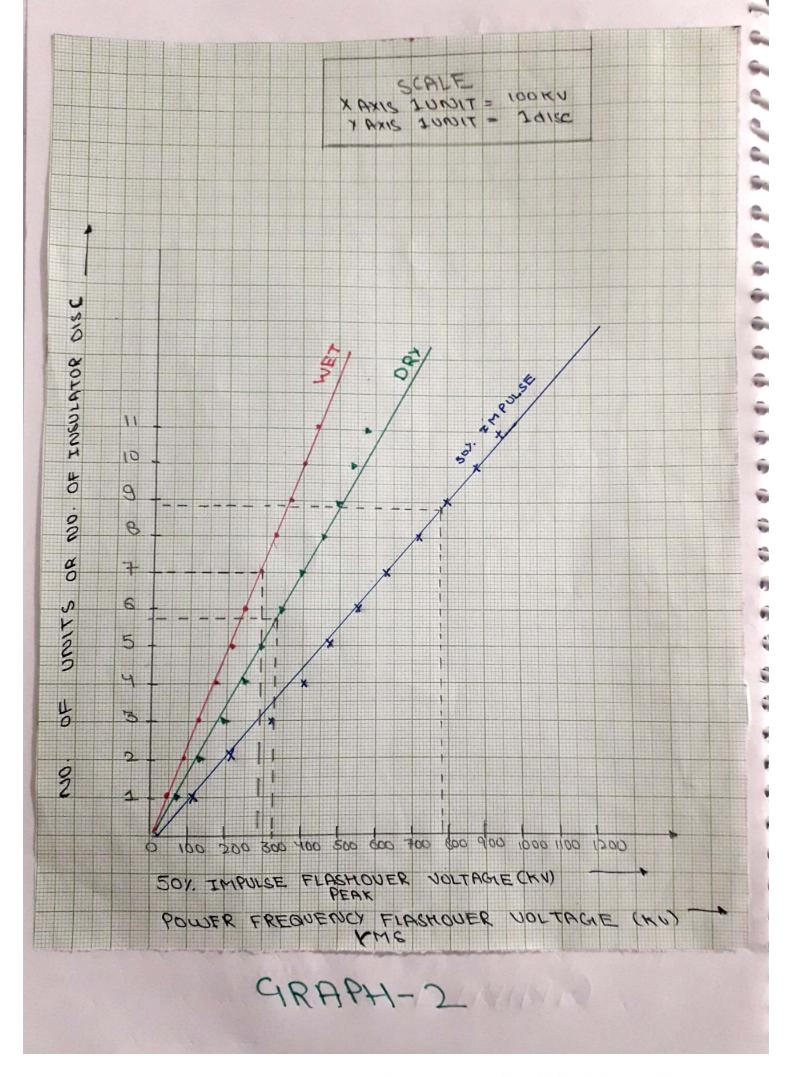


## NIMRA IDRIS SIDDIQUI 17 EEB 409 GI-2134 GROUP-07

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I dots 

Maximum system voltage

notegue ent norte even . 101 =

= 1.1 x system vatage

= 1.1 X 132 KV

MSV = 145.2 KV

assis restaluent for readmuss 5-9372 anounitros on stantien cot sociulpose.

sopotlos pritorespo

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= noitibnes per spectar values spectar values on atmospher some appeter brownier spectar values some atmospherical atmospherical appeter providential providentia

= Dary rostnostand rostage x 1.12 x 1.1

= 260 X1.15 X1.1

= 328 KV

Consumpording to 328 KV, the no. of insulator discs ( $\Omega_i$ ) from graph 2  $N_i = 5.7 \approx 6$ 

ow = sportlov brothing tow (3)

rept land sportlov one risotto

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= nortibnos tou rep aportos resuonacol 7

Brotatien resuonacol 7 x aportos bnotartien taxu
sirendaento brechnota non x ortose aportos
rotas factos
rotas poitibnos

= wat usitherand valtage \* 1.15 x 1.1

= 230 X1.12 X1.1

= 500.02 KA

no. at insulator disc (02) from consider 2

6

19

(po

40

-

No = 7 Mean of N, DN2  $\omega^2 = \overline{\omega' + \omega^2} = e + \pm$ = 6.5 STOB - 3 burnboa of insulator discs required apother adulphi brotanties ot as Dightoning over voltages gribnofeeresas apotlar brotantier allegarie out c aportlar notaya munican onto ot from pap 1 = 530 V = apotrono anomin printipis or reversely) x (Decreve brotation selections) simpulso withstand val.) X (non std. atmospheric conditions) x (additional factor of safety) (21.1)x(1.1)x(21.1) x (. Sowers brothers aligni) = 771.017

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for factor of watery

The son out po enclose conit out

1+10 = doing remodernic

= 3+1 = 10

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