GOVERNMENT OF ANDHRA PRADESH

ANDHRA PRADESH TEACHERS ELIGIBILITY TEST-2022

NORMALIZATION FORMULA

Normalization mark of jth candidate in ith shift $\hat{M}_{ij}$ is given by:

$$\widehat{M}_{ij} = \frac{\overline{M}_t^g - M_q^g}{\overline{M}_{ti} - M_{iq}} \left(M_{ij} - M_{iq}\right) + M_q^{gm}$$

$\widehat{M}_{ij}$ = normalized marks of jth candidate in the ith shift

$\overline{M}_t^g$ = is the average marks of the top 0.1% of the candidates considering all shifts (number of candidates will be rounded-up)

M_q^g = is the sum of mean and standard deviation marks of the candidates in the examination considering all shifts

$\overline{M}_{ti}$ = is the average marks of the top 0.1% of the candidates in the ith shift (number of candidates will be rounded up)

M_{iq} = is the sum of mean marks and standard deviation of the ith shift

M_{ij} = is the actual marks obtained by the jth candidate in the ith shift

M_q^{gm} = is the sum of mean marks of candidates in the shift having maximum mean and standard deviation of marks of candidates in the examination considering all

NOTE: Calculation of marks will be up to 5 decimal places