CEN 03/2018 (JE, DMS & CMA Posts)

Revised Normalization Formula

Vide Para 14.2 of detailed CEN 03/2018, a formula for calculation of normalized marks for multi session papers has been published. The formula has been further modified as below:-

Normalization mark of jth candidate in i[th] session $\widehat{M}_{ij}$ is given by:

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

M_{ij} : is the actual marks obtained by the jth candidate in i[th] session.

$\overline{M}_t^g$: is the average marks of the top 0.1% of the candidates considering all sessions.

M_q^g : is the sum of mean and standard deviation marks of the candidates in the paper considering all sessions.

$\overline{M}_{ti}$: is the average marks of the top 0.1% of the candidates in the ith session or marks of topper if session strength is less than 1000.

M_{iq} : is the sum of the mean marks and standard deviation of the ith session.

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 shifts.

Calculation of marks will be up to 5 decimals places.