IMPORTANT NOTICE

The Staff Selection Commission has already decided to normalize the scores of candidates for the examinations which are conducted in multi-shifts to take into account any variation in the difficulty levels of the question papers across different shifts. The normalization is done based on the fundamental assumption that "in all multi-shift examinations, the distribution of abilities of candidates is the same across all the shifts". This assumption is justified since the number of candidates appearing in multiple shifts in the examinations conducted by the Commission is large and the procedure for allocation of examination shift to candidates is random. The following formula will be used by the Commission to calculate final score of candidates in the multi-shift examinations:

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

Where:

$\widehat{M}_{ij}$ = 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 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 shifts.

Calculation of marks will be done up to 5 decimal places.

Under Secretary (P&P-I)
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