

In the GATE 2020, the qualifying marks for a general category candidate in each paper is $\mu + \sigma$ or 25 marks (out of 100), whichever is greater, where μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper. The qualifying marks for OBC(NCL) and SC/ST/PwD candidates are 90% and two-third of a general category candidate in the paper respectively.

The GATE 2020 score was calculated using the formula

GATE Score = $S_q + (S_t - S_q) \frac{(M - M_q)}{(\bar{M}_t - M_r)}$

where

M is marks (out of 100) obtained by the candidate in the paper

 M_q is the qualifying marks for general category candidate in the paper

 \overline{M}_t is the mean of marks of top 0.1% or top 10 (whichever is greater) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

 $S_q = 350$, is the score assigned to M_q

 $S_t = 900$, is the score assigned to \overline{M}_t

In multi-session (Civil Engineering and Mechanical Engineering) papers, the normalized mark of j^{th} candidate in the i^{th} session M_{ij} was computed using the formula

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

 M_{ij} is the actual marks obtained by the j^{th} candidate in l^{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

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