

Qualifying in GATE 2020 does not guarantee either an admission to a post-graduate programme or a scholarship/assistantship. Admitting institutes may conduct further tests or interviews for final selection.

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  $\mu$  is the mean and so the standard deviation of marks of all the candidates who appeared in the paper. The qualifying marks for OBC(NCL) and SC(STEW) Candidates are 90% and two-thrid of a general category candidate in the paper respectively.

The GATE 2020 score was calculated using the formula

GATE Score = 
$$S_q + (S_1 - S_q) \frac{(M - M_q)}{(M_1 - M_q)}$$

where

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

 $M_{\alpha}$  is the qualifying marks for general category candidate in the paper

M<sub>1</sub> is the mean of marks of top 0.1% or top 10 (whichever is greater) of the cardidates who appeared in the paper (in case of multi-session papers including all sessions)

 $S_u = 350$ , is the score assigned to  $M_u$ 

 $S_t = 900$ , is the score assigned to  $M_t$ 

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

$$\tilde{M}_{ij} = \frac{\overline{M}_t^B - M_{ij}^B}{\overline{M}_{tt} - M_{it}} (M_{ij} - M_{iq}) + M_q^B$$

where

 $M_{tt}$  is the actual marks obtained by the  $f^{th}$  candidate in  $t^{th}$  session

 $\vec{\pmb{M}}_t^{jj}$  is the average marks of the top 0.1% of the candidates considering all sessions

 $M_{\alpha}^{\dot{\theta}}$  is the sum of mean and standard deviation marks of the candidates in the paper considering all sessions

 $\vec{M}_{tt}$  is the average marks of the top 0.1% of the candidates in the  $i^{th}$  session

 $M_{10}$  is the sum of the mean manks and standard deviation of the  $t^{th}$  session

Graduate Aprilude Test in Engineering (GATE) 2020 was organised by Indian Institute of Technology Delhi on behalf of the National Coordination Board (NCB) – GATE for the Department of Higher Education, Ministry of Human Resources Development (MHRD), Government of India.