

The GATE 2019 score is calculated using the formula

$$GATE\ Score = S_q + \left(S_t - S_q\right) \frac{\left(M - M_q\right)}{\left(\overline{M}_t - M_q\right)}$$

where,

 $\emph{\textit{M}}$  is the marks obtained by the candidate in the paper, mentioned on this GATE 2019 scorecard

M<sub>a</sub> is the qualifying marks for general category candidate in the paper

 $\overline{M}_i$  is the mean of marks of top 0.1% or top 10 (whichever is larger) 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  $M_q$  $S_r = 900$ , is the score assigned to  $\overline{M}_r$ 

In the GATE 2019 score formula,  $M_q$  is 25 marks (out of 100) or  $\mu + \sigma$ , whichever is greater. Here  $\mu$  is the mean and  $\sigma$  is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2019 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

## Codes for XE and XL Paper Sections (compulsory section and any other two sections)

XE: Engineering Sciences

A – Engineering Mathematics (compulsory)

B - Fluid Mechanics

C - Materials Science

D = Solid Mochanics

D - Solid Mechanics

E - Thermodynamics

F - Polymer Science and Engineering

G - Food Technology

H - Atmospheric and Oceanic Sciences

XL: Life Sciences

P - Chemistry (compulsory)

Q - Biochemistry

R - Botany

S - Microbiology

T - Zoology

U - Food Technology

Graduate Aptitude Test in Engineering (GATE) 2019 was organized by Indian Institute of Technology Madras on behalf of the National Coordination Board (NCB) – GATE for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India.