

GATE Eligibility

The following candidates are eligible to appear in GATE:

- Bachelor's degree holders in Engineering/Technology (4 years after 10+2 or 3 years after B.Sc./Diploma in Engineering/ Technology) and those who are in the final year of such programs.
- Bachelor's degree holders in Architecture (Five years course) and those who are in the final year of such programs.
- Bachelor's degree holders of Four-year program in Science (B.S.) and those who are in the final year of such programs.
- Master's degree holders in any branch of Science/ Mathematics/ Statistics/Computer Applications or equivalent and those who are in the final year of such programs.
- Holders of Four-year Integrated Master's degree (Post B.Sc.) in Engineering/Technology and those who are in the second or higher year of such programs.
- Holders of Five-year Integrated Master's degree or Dual Degree in Engineering/Technology and those who are in the fourth or higher year of such programs.
- Holders of Five-year integrated M.Sc. or Five-year integrated B.Sc./M.Sc. degree and those who are in the final year of such programs.
- Candidates with qualifications obtained through examinations conducted by professional societies recognized by UPSC/AICTE/ MHRD as equivalent to B.E./B.Tech. Those who have completed Section A of AMIE or equivalent of such professional courses are also eligible.

Types of Questions

- GATE 2018 Exam consists of Multiple Choice Questions and Numerical Type Questions in all papers & sections. Multiple Choice Questions will contain 4 options, of which only one is correct. For Numerical Type Questions a numerical value as the answer should be entered using mouse and virtual keyboard on the monitor. The following are type of Questions:
 - **a. Recall:** These are based on facts, principles, formulae or laws of the discipline. The candidate is expected to be able to obtain the answer either from his/her memory directly or at most from a one-line computation.
 - **b. Comprehension:** These questions will test the candidate's understanding of the basics of his/her field, by requiring him/her to draw simple conclusions from fundamental ideas.
 - **c. Application:** In these questions, the candidate is expected to apply his/her knowledge either through computation or by logical reasoning.
 - **d. Analysis and Synthesis:** These can be linked questions, where the answer to the first question of the pair is required in order to answer its successor. Or these can be common

data questions, in which two questions share the same data but can be solved independently of one another.

- **e. Common Data Questions:** Multiple questions may be linked to a common data problem, passage and the like. Two or three questions can be formed from the given common data problem. Each question is independent and its solution obtainable from the above problem data/passage directly. (Answer of the previous question is not required to solve the next question). Each question under this group will carry two marks.
- **f. Linked Answer Questions:** These questions are of problem solving type. A problem statement is followed by two questions based on the problem statement. The two questions are designed such that the solution to the second question depends upon the answer to the first one. In other words, the first answer is an intermediate step in working out the second answer. Each question in such linked answer questions will carry two marks.

How to prepare for GATE?

- GATE examination consists only of multiple and numerical answer type questions, hence only correct answer fetches marks.
- Practice previous year question papers and analyze the weak topics and concentrate more on those topics. Candidates must try to solve the papers in a given time limit to obtain an idea as to how many questions are solved within the allotted time.
- Impart equal emphasis on both theory and numerical problems.
- Browse through the GATE syllabus for topics allotted more weightage and prepare them.
- Group Study is an effective way to brush up knowledge about technical topics with fellow partners and also helps to explore new techniques and methods to better understand the topics.
- Do not make wild guess as there is negative marking associated with the questions.
- Prepare the list of important definitions, equations, derivations, theorems, laws in every subject.
- Pay more attention while attempting linked and common data questions.