

# Make the preparation process for the GATE exam easier with these tips

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**Shiksha External**Authors

31 Views

**By: Nikita Hire**

*Every student must prepare for the exam diligently, clarify concepts and practise daily with complete focus to the crack competitive exam.*



## Examination Structure



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To prepare for any exam, every student needs to know and understand the pattern of the exam completely. The pattern of GATE exam is given below

- GATE papers also include 15 questions which would carry 1 mark each and 30 questions carries 2 marks each
- The details of the exam pattern are tabulated below:

Duration of Exam	Three Hours
Number of Questions	65
Total Marks	100
Questions Type	There will be 2 two question types:- <ul style="list-style-type: none"><li>• Multiple Choice Questions (MCQs)</li><li>• Numerical Answer Type Question</li></ul>
Marking	MCQ carrying 1 mark each: 1/3 marks would be deducted for every wrong answer MCQs carrying 2 marks: 2/3 marks



Scheme	would be deducted for every wrong answer For numerical type questions, there is no negative markings
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## Revision Approach

One should create an organised study plan to prepare for the **GATE** exam. Those students, who are attempting it for the first time, should focus on covering each topic in the syllabus. So, they have to focus on topics such as Data Structure, Computer Organisations and Architectures, DBMS, Digital Electronics, Computer Networks, DAA. The students should practise questions on e-learning websites and also, practise as many previous years question papers as possible to identify the weak areas and manage time properly. During the preparation, the students could make appropriate notes for a quick revision of all the topics covered. Various topics in Mathematics like Probability Theory, Numerical Methods, Linear Algebra, and Calculus, etc. should be practised regularly.

## Study Material and Reference Books

Here are some of the reference books with their famous



authors that that could be used to prepare for the GATE exam.

Sr. No.	Title of Books	Authors
1.	Quantitative Aptitude	RS Agrawal
2.	Engineering Mathematics	Dr Manish Goyal
3.	Computer Organization and Architecture	William Stallings
4.	C and C++ Programming Languages	E. Balaguruswami
5.	Operating Systems	Silberchatz Galvin Gagne
6.	Introduction to Algorithms	A.I.Cormen
7.	Compiler Design	A.A. Puntambekar
8.	Theory of Computation	Vivek Kulkarni
	Database System	



9.	Concepts	Henry F.Korth
10.	Computer Networks	Andrew S.Tanenbaum

## Scoring Topics

This is marks distribution according to GATE 2019 CSE Paper Analysis

Subjects	Total Marks (100)
General Aptitude	15
Engineering Mathematics	7
Computer Organisation	4
Theory of Computation	6
Databases	9
Operating System	8
Compiler Design	5
Algorithms	6
Programming and Data Structures	14
Discrete Mathematics	11
Digital Logic	6



Computer Networks	9
<b>Total</b>	<b>100</b>

## About the Author:



Nikita Hire is pursuing **BTech in Computer Engineering** from **Shri. Vile Parle Kelavani Mandal's Institute of Technology Engineering, Dhule**. She has also completed a **Diploma in Computer Science** from **Government Polytechnic, Dhule**.