gate exam – Report

gate exam

Plan

7-Day Gate Exam Study Plan

Day 1: Mathematics Fundamentals (Topic 1)

- Study: Algebra, Calculus, and Coordinate Geometry
- Suggested practice activities:
  - Solve 20-30 questions from previous Gate exams
  - Practice solving problems from a reliable study material
- Milestone: Complete a thorough review of the basics

Day 2: Linear Algebra and Calculus (Topic 2)

- Study: Vector Operations, Matrix Algebra, and Differential Equations
- Suggested practice activities:
  - Practice solving problems from a reliable study material
  - Attempt 20-30 questions from previous Gate exams
- Milestone: Understand the application of Linear Algebra and Calculus

Day 3: Probability and Statistics (Topic 3)

- Study: Probability Theory, Random Variables, and Statistical Inference
- Suggested practice activities:
  - Practice solving problems from a reliable study material
  - Attempt 20-30 questions from previous Gate exams
- Milestone: Understand the application of Probability and Statistics

Day 4: Digital Logic and Computer Organization (Topic 4)

- Study: Boolean Algebra, Combinational Logic, and Sequential Logic
- Suggested practice activities:
  - Practice solving problems from a reliable study material
  - Attempt 20-30 questions from previous Gate exams
- Milestone: Understand the application of Digital Logic and Computer Organization

Day 5: Engineering Mathematics (Topic 5)

- Study: Partial Differential Equations, Complex Analysis, and Numerical Methods
- Suggested practice activities:
  - Practice solving problems from a reliable study material
  - Attempt 20-30 questions from previous Gate exams
- Milestone: Understand the application of Engineering Mathematics

Day 6-7: Mock Tests and Revision

- Attempt 2-3 full-length mock tests
- Review and revise the concepts covered in the previous 5 days
- Focus on weak areas and practice solving problems from those topics

Additional Tips:

- Allocate 6-8 hours for studying each day
- Take regular breaks to avoid burnout
- Stay hydrated and maintain a healthy diet
- Stay focused and motivated throughout the study period

Summary

Gate Exam Notes

What is the Gate Exam?

The Gate Exam is a competitive exam for admission to postgraduate programs in engineering and technology in India

Key Points:

1. **Eligibility Criteria**: The candidate must have a bachelor's degree in engineering or technology from a recognized
2. **Exam Pattern**: The GATE exam consists of multiple-choice questions and numerical answer type questions in v
3. **Exam Duration**: The exam is conducted in an online mode and has a duration of 3 hours.
4. **Exam Subjects**: The exam is conducted in various subjects like Aerospace Engineering, Biotechnology, Chemic
5. **Score Validity**: The GATE score is valid for 3 years from the date of declaration of the result.

Example:

Suppose a student, Rohan, wants to pursue a master's degree in computer science from IIT Bombay. He appears for

Summary:

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MCQs

Q1: What is the Gate Exam?
- A competitive exam for admission to undergraduate programs in engineering and technology
- A competitive exam for admission to postgraduate programs in engineering and technology
- A competitive exam for admission to medical programs in engineering and technology
- A competitive exam for admission to arts and humanities programs
Answer: B

Q2: How many hours does the GATE exam last?
- 1 hour
- 2 hours
- 3 hours
- 4 hours
Answer: C

Q3: Who conducts the GATE exam?
- Indian Institutes of Technology (IITs) only
- Indian Institute of Science (IISc) only
- Indian Institutes of Technology (IITs) and Indian Institute of Science (IISc) on a rotational basis
- No one conducts the GATE exam
Answer: C

Q4: What is the validity of the GATE score?
- 1 year
- 2 years
- 3 years
- 4 years
Answer: C

Q5: What is required for admission to IITs and IISc?
- A valid JEE score
- A valid NEET score
- A valid GATE score

- A valid CAT score

Answer: C