GATE GE 2027

Test Series

Complete preparation for Geomatics Engineering: Aptitude, topic tests, subject tests, previous year questions (PYQs), mixed subject tests and full mocks, from **15 November 2026 to 31 January 2027**.

Choose your plan

Plan	What you get	Tests	Fee
Aptitude	25 full General Aptitude papers taken from previous GATE papers of other disciplines (the GA syllabus is common to all papers). 2 to 3 papers a day, 15 to 25 Nov 2026. Video solutions*.	25	**₹500**
PYQ	GATE GE PYQs in our recommended format: **subject-wise** tests for 2022 and 2023 and **year-wise full papers** for 2024, 2025 and 2026. Subject-wise tests for 2024 to 2026 are also released (optional, not recommended). Video solutions*.	13 + optional	**₹1000**
Complete	Everything: Aptitude papers, topic tests, subject tests, subject-wise and year-wise PYQs, mixed subject tests and original full mocks.	71 + optional	**₹1500**

Note on Aptitude video solutions: video solutions for Aptitude do not cover **Verbal Aptitude** questions.

Test types explained

Test	What it covers	Questions	Marks	Solutions
Aptitude PYQ paper	A complete General Aptitude section from a previous GATE paper (other disciplines)	10	15	Video*
Topic test	2 to 3 related topics from one subject (topic split and dates below)	10	15	Written
Subject test	The full syllabus of one subject, all topics included. No Aptitude section.	20	30	Written
Subject-wise PYQ	All questions asked from one subject in one GATE GE year	As asked that year	As asked that year	Video*
Mixed subject test	2 to 3 subjects together, plus an Aptitude section (10 questions, 15 marks)	40	60	Written
Full mock	Original full-length paper in the GATE GE pattern: Aptitude, Part A and Part B (Surveying or Image Processing), 3 hours	65	100	Written
Year-wise PYQ (full paper)	The actual GATE GE paper of one year in real exam format, 3 hours	65	100	Video*

Questions follow the GATE pattern (MCQ, MSQ and NAT) with GATE marking. Part B is optional in GATE GE: Surveying and Image Processing tests run in parallel on the same dates, and you attempt only your chosen section.

Complete Test Series: what is included

Test type	Number	Per test
Aptitude PYQ papers	25	10 Q, 15 marks
Topic tests	13	10 Q, 15 marks
Subject tests	11	20 Q, 30 marks
Subject-wise PYQs (2022, 2023)	10	As asked that year
Mixed subject tests	6	40 Q, 60 marks (incl. Aptitude)
Original full mocks	3	65 Q, 100 marks
Year-wise PYQ full papers (2024, 2025, 2026)	3	65 Q, 100 marks
Total	**71**	

Optional (not recommended): subject-wise tests for 2024, 2025 and 2026 are also released.

Subject	Topic tests	Subject tests	Subject-wise PYQs (2022, 2023)
Engineering Mathematics	3	2	2
GNSS	2	2	2
Remote Sensing	2	2	2
GIS	2	2	2
Surveying or Image Processing	4	3	2

PYQs: subject-wise and year-wise

GATE GE PYQs come in two formats:

- **Subject-wise:** one test per subject per year. The number of questions in each test depends on how many questions were asked from that subject in that year.
- **Year-wise:** the complete paper of each year, in real exam format.

Our recommendation: attempt **2022 and 2023 subject-wise** while you study each subject (scheduled in the timetable), and keep **2024, 2025 and 2026** untouched to attempt as **full papers in January**. Subject-wise tests for 2024 to 2026 are also released, but they are **optional and not recommended**, since attempting them early spoils the full papers.

Topic tests: syllabus split and dates

Topics follow the official GATE 2027 GE syllabus (IIT Madras). Subject tests cover the full syllabus of the subject.

Date	Test	Topics covered
26 Nov	**Engineering Maths Topic Test 1**	Surveying measurements, Accuracy, Precision, Most probable value
27 Nov	**Engineering Maths Topic Test 2**	Errors and their adjustments, Least squares adjustment
28 Nov	**Engineering Maths Topic Test 3**	Regression analysis, Correlation coefficient, Statistical significant value, Chi-square test

Date	Test	Topics covered
02 Dec	**GNSS Topic Test 1**	Principle used, Components of GNSS, Data collection methods
03 Dec	**GNSS Topic Test 2**	DGPS, Errors in observations and corrections
07 Dec	**Remote Sensing Topic Test 1**	Basic concept, Physical Principles of Remote Sensing, Spectral signature, Resolutions: Spectral, Spatial, Temporal, Radiometric
08 Dec	**Remote Sensing Topic Test 2**	Platforms and Sensors, Remote Sensing Data Products: PAN, Multispectral, Microwave, Thermal, Hyperspectral data; Visual and digital interpretation methods
12 Dec	**GIS Topic Test 1**	Introduction, Data Sources, Data Models and Data Structures, DBMS, Creation of Databases (spatial and non-spatial)
13 Dec	**GIS Topic Test 2**	Basic Spatial analysis: Interpolation, Buffer, Overlay, Terrain Modeling and Network analysis
17 Dec	**Surveying / IP Topic Test 1**	**Surveying:** Maps: Importance of maps to engineering projects, Types of maps, Scales and uses, Plotting accuracy, Map sheet numbering, Coordinate systems (Cartesian and geographical), Map projections, Map datum (MSL, Geoid, spheroid, WGS-84) **IP:** Data Quantization and Processing: Sampling and quantization theory, Principle of Linear System, Convolution; Digital Image Processing: image histogram and scattergram and their significance, Variance-Covariance and Correlation matrix and their significance
18 Dec	**Surveying / IP Topic Test 2**	**Surveying:** Levelling instruments, Levelling methods, Compass, Theodolite, Total Station and COGO functions **IP:** Basic Radiometric and Geometric Corrections: Registration and Resampling techniques; Image Enhancement: Noise and Spatial filters, Contrast Enhancement (Linear and Non-linear methods)
19 Dec	**Surveying / IP Topic Test 3**	**Surveying:** Tachometer, Trigonometric levelling, Traversing, Triangulation and Trilateration **IP:** Image Transformation: Principal Component Analysis (PCA), Discriminant Analysis, Color transformations (RGB-IHS, CMYK), Indices (Ratios, NDVI, NDWI)
20 Dec	**Surveying / IP Topic Test 4**	**Surveying:** Aerial Photogrammetry: Types of photographs, Flying height and scale, Relief (height) displacement, Stereoscopy, Height determination using Parallax Bar, Digital Elevation Model (DEM) **IP:** Basic Image Classification and Segmentation: Supervised and unsupervised techniques, accuracy analysis

Plan of the series

Dates	Phase	What happens
15 to 25 Nov 2026	Aptitude	2 to 3 Aptitude PYQ papers a day
26 Nov to 24 Dec 2026	Subject cycle	Engineering Maths, GNSS, Remote Sensing, GIS, then Surveying / IP: topic tests, subject tests and subject-wise PYQs (2022, 2023)
26 to 31 Dec 2026	Mixed tests	One mixed subject test every day
January 2027	Full mocks	3 original mocks and the 2024, 2025, 2026 papers

Detailed timetable

Date	Day	Test	Questions / marks	Solutions
15 Nov 2026	Sun	Aptitude PYQ Paper 1	10 Q / 15	Video*
15 Nov 2026	Sun	Aptitude PYQ Paper 2	10 Q / 15	Video*
16 Nov 2026	Mon	Aptitude PYQ Paper 3	10 Q / 15	Video*
16 Nov 2026	Mon	Aptitude PYQ Paper 4	10 Q / 15	Video*
17 Nov 2026	Tue	Aptitude PYQ Paper 5	10 Q / 15	Video*
17 Nov 2026	Tue	Aptitude PYQ Paper 6	10 Q / 15	Video*
17 Nov 2026	Tue	Aptitude PYQ Paper 7	10 Q / 15	Video*
18 Nov 2026	Wed	Aptitude PYQ Paper 8	10 Q / 15	Video*
18 Nov 2026	Wed	Aptitude PYQ Paper 9	10 Q / 15	Video*
19 Nov 2026	Thu	Aptitude PYQ Paper 10	10 Q / 15	Video*
19 Nov 2026	Thu	Aptitude PYQ Paper 11	10 Q / 15	Video*
20 Nov 2026	Fri	Aptitude PYQ Paper 12	10 Q / 15	Video*
20 Nov 2026	Fri	Aptitude PYQ Paper 13	10 Q / 15	Video*
20 Nov 2026	Fri	Aptitude PYQ Paper 14	10 Q / 15	Video*
21 Nov 2026	Sat	Aptitude PYQ Paper 15	10 Q / 15	Video*
21 Nov 2026	Sat	Aptitude PYQ Paper 16	10 Q / 15	Video*
22 Nov 2026	Sun	Aptitude PYQ Paper 17	10 Q / 15	Video*
22 Nov 2026	Sun	Aptitude PYQ Paper 18	10 Q / 15	Video*
23 Nov 2026	Mon	Aptitude PYQ Paper 19	10 Q / 15	Video*
23 Nov 2026	Mon	Aptitude PYQ Paper 20	10 Q / 15	Video*
23 Nov 2026	Mon	Aptitude PYQ Paper 21	10 Q / 15	Video*
24 Nov 2026	Tue	Aptitude PYQ Paper 22	10 Q / 15	Video*
24 Nov 2026	Tue	Aptitude PYQ Paper 23	10 Q / 15	Video*
25 Nov 2026	Wed	Aptitude PYQ Paper 24	10 Q / 15	Video*
25 Nov 2026	Wed	Aptitude PYQ Paper 25	10 Q / 15	Video*

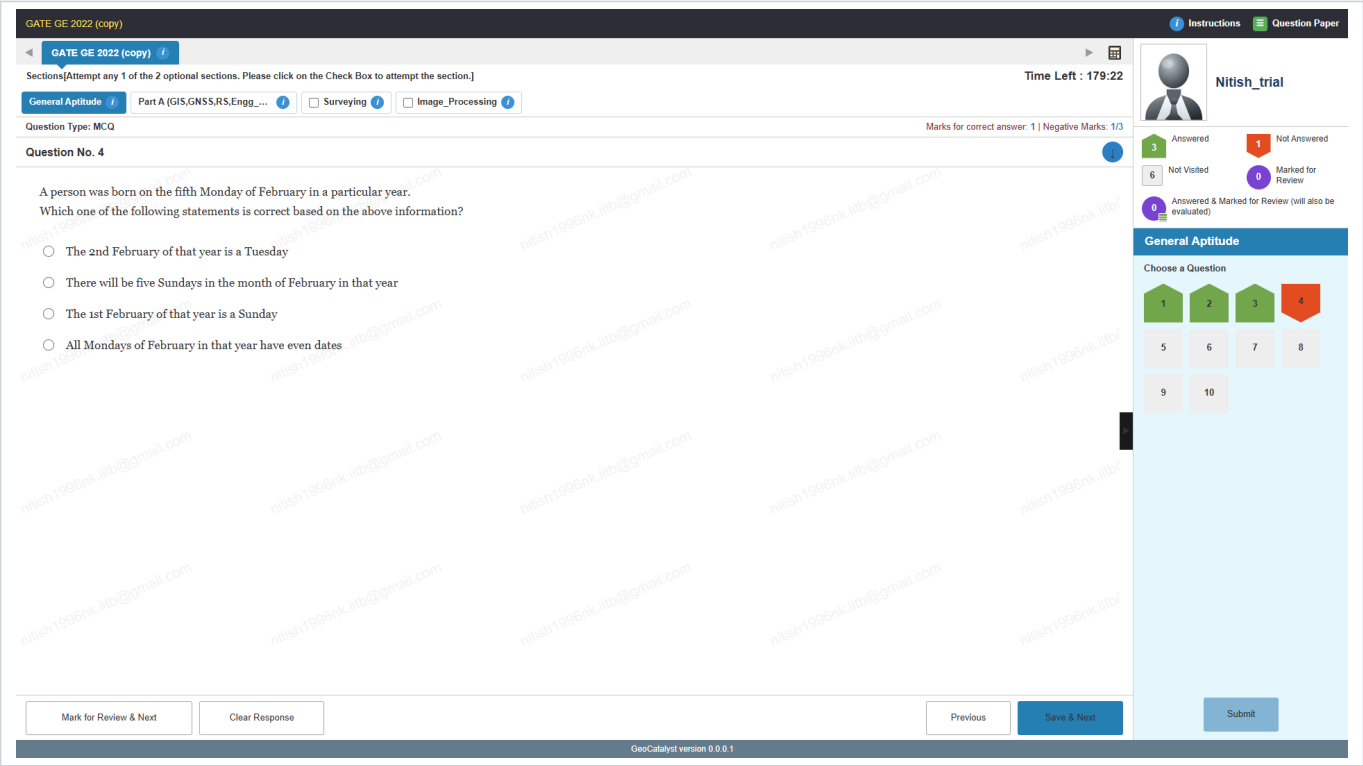
Date	Day	Test	Questions / marks	Solutions
26 Nov 2026	Thu	Engineering Maths Topic Test 1	10 Q / 15	Written
27 Nov 2026	Fri	Engineering Maths Topic Test 2	10 Q / 15	Written
28 Nov 2026	Sat	Engineering Maths Topic Test 3	10 Q / 15	Written
29 Nov 2026	Sun	Engineering Maths Subject Test 1	20 Q / 30	Written
30 Nov 2026	Mon	Engineering Maths PYQ (subject-wise) 2022	As asked	Video*
30 Nov 2026	Mon	Engineering Maths PYQ (subject-wise) 2023	As asked	Video*
01 Dec 2026	Tue	Engineering Maths Subject Test 2	20 Q / 30	Written
02 Dec 2026	Wed	GNSS Topic Test 1	10 Q / 15	Written
03 Dec 2026	Thu	GNSS Topic Test 2	10 Q / 15	Written
04 Dec 2026	Fri	GNSS Subject Test 1	20 Q / 30	Written
05 Dec 2026	Sat	GNSS PYQ (subject-wise) 2022	As asked	Video*
05 Dec 2026	Sat	GNSS PYQ (subject-wise) 2023	As asked	Video*
06 Dec 2026	Sun	GNSS Subject Test 2	20 Q / 30	Written
07 Dec 2026	Mon	Remote Sensing Topic Test 1	10 Q / 15	Written
08 Dec 2026	Tue	Remote Sensing Topic Test 2	10 Q / 15	Written
09 Dec 2026	Wed	Remote Sensing Subject Test 1	20 Q / 30	Written
10 Dec 2026	Thu	Remote Sensing PYQ (subject-wise) 2022	As asked	Video*
10 Dec 2026	Thu	Remote Sensing PYQ (subject-wise) 2023	As asked	Video*
11 Dec 2026	Fri	Remote Sensing Subject Test 2	20 Q / 30	Written
12 Dec 2026	Sat	GIS Topic Test 1	10 Q / 15	Written
13 Dec 2026	Sun	GIS Topic Test 2	10 Q / 15	Written
14 Dec 2026	Mon	GIS Subject Test 1	20 Q / 30	Written
15 Dec 2026	Tue	GIS PYQ (subject-wise) 2022	As asked	Video*
15 Dec 2026	Tue	GIS PYQ (subject-wise) 2023	As asked	Video*
16 Dec 2026	Wed	GIS Subject Test 2	20 Q / 30	Written
17 Dec 2026	Thu	Surveying / IP Topic Test 1	10 Q / 15	Written
18 Dec 2026	Fri	Surveying / IP Topic Test 2	10 Q / 15	Written
19 Dec 2026	Sat	Surveying / IP Topic Test 3	10 Q / 15	Written
20 Dec 2026	Sun	Surveying / IP Topic Test 4	10 Q / 15	Written
21 Dec 2026	Mon	Surveying / IP Subject Test 1	20 Q / 30	Written
22 Dec 2026	Tue	Surveying / IP Subject Test 2	20 Q / 30	Written
23 Dec 2026	Wed	Surveying / IP PYQ (subject-wise) 2022	As asked	Video*
23 Dec 2026	Wed	Surveying / IP PYQ (subject-wise) 2023	As asked	Video*
24 Dec 2026	Thu	Surveying / IP Subject Test 3	20 Q / 30	Written

Date	Day	Test	Questions / marks	Solutions
26 Dec 2026	Sat	Mixed Test 1: Maths + GNSS	40 Q / 60	Written
27 Dec 2026	Sun	Mixed Test 2: RS + GIS	40 Q / 60	Written
28 Dec 2026	Mon	Mixed Test 3: Maths + Surveying/IP	40 Q / 60	Written
29 Dec 2026	Tue	Mixed Test 4: GNSS + RS + GIS	40 Q / 60	Written
30 Dec 2026	Wed	Mixed Test 5: Maths + GIS + Surveying/IP	40 Q / 60	Written
31 Dec 2026	Thu	Mixed Test 6: GNSS + RS + Surveying/IP	40 Q / 60	Written
03 Jan 2027	Sun	Mock 1: full length	65 Q / 100	Written
10 Jan 2027	Sun	GATE GE 2024: full paper	65 Q / 100	Video*
17 Jan 2027	Sun	Mock 2: full length	65 Q / 100	Written
24 Jan 2027	Sun	GATE GE 2025: full paper	65 Q / 100	Video*
27 Jan 2027	Wed	Mock 3: full length	65 Q / 100	Written
31 Jan 2027	Sun	GATE GE 2026: full paper	65 Q / 100	Video*

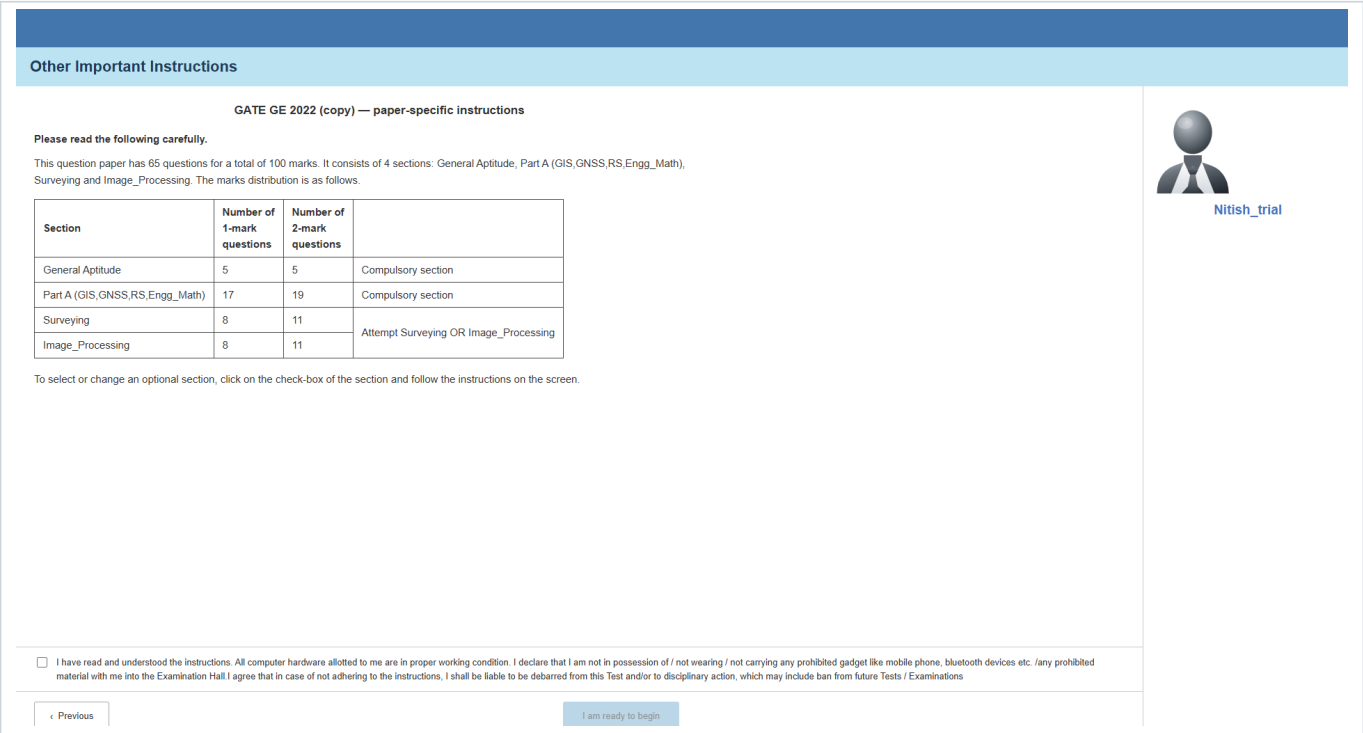
Dates may change slightly; any change will be announced in advance.

Test platform

All tests run on the GeoCatalyst test platform, built like the real GATE exam interface: section tabs, question palette, mark for review, timer and an on-screen scientific calculator.



Exam screen with section tabs, timer and question palette



Paper instructions with section-wise marks distribution

How to join

1. Fill the registration form: Open the registration form (or scan the QR code).
2. Complete the payment for your plan.
3. Send the screenshot of your form submission and payment to **8248272400**.

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Scan to register

Important notes

Note on Aptitude video solutions: video solutions for Aptitude do not cover **Verbal Aptitude** questions.

- Mixed subject tests and full mocks include an Aptitude section; topic and subject tests cover only the core subject.
- Surveying and Image Processing tests run in parallel; attempt your chosen Part B section.

* In exceptional cases, only a written solution will be provided.