

JEE Main 2027

Study Plan — 100 Days

Phase-wise Revision Schedule, Prioritised by Chapter Weightage

4 Phases | Day-by-Day Structure | Built on Real 2026 Weightage Data

This plan is written for a student who has already been through the Class 11 and 12 syllabus at least once – 100 days is a realistic runway for revision, practice and mock-test conditioning, but not enough to build the entire syllabus from a standing start. If you're still on a first reading of large parts of the syllabus, extend Phase 1 and compress Phase 3 accordingly.

NTA had not released the official JEE Main 2027 information bulletin or exam dates at the time this handbook was prepared, so the plan is written as Day 1 to Day 100 rather than tied to fixed calendar dates – count backward 100 days from whichever date NTA eventually notifies for your session (Session 1 has historically fallen in the last week of January). Chapter priorities throughout are carried over directly from the companion *JEE Main 2027 Chapter-wise Weightage Handbook*, built on actual January and April 2026 session data. The four-phase structure itself (revision, practice, full mocks, final revision) reflects the pattern common to most expert-recommended JEE study plans, synthesised here rather than copied from any single one.

How to Use This Plan

Phase	Days	Goal
1. Complete Revision	1–45	Rebuild concept clarity chapter by chapter, weighted toward high-yield topics
2. Practice & PYQs	46–75	Previous-year questions and the first full mocks, chapter by chapter
3. Full Mock Cycle	76–95	Full-length timed mocks with structured error correction
4. Final Revision	96–100	Formula recall only – no new topics, no new question types

Phase 1: Complete Revision Cycle

Days 1–45 | Concept clarity, weighted by chapter yield

The first 45 days rebuild every chapter once, but not for equal time – a chapter carrying 7% of a subject's marks earns more revision time than one carrying 0.5%. The split below follows the **High/V.High**-tier chapters from the weightage handbook; **Medium/Low**-tier chapters are grouped into shorter batch-revision blocks rather than given a full day each.

Subject Day Split – 45 Days

Subject	Days	Rationale
Chemistry	16	Most chapters overall (23) and the widest spread of stand-alone facts to re-anchor
Physics	15	Fewer chapters (35) but several carry heavy derivations that need full-day treatment
Mathematics	14	Weightage concentrates hardest into fewest chapters, so fewer chapters need a dedicated day

Physics – Priority Chapters (12 days, 1 day each)

Chapter	Tier	Chapter	Tier
Geometrical Optics	V.High	EMI	High
Ktg & Thermodynamics	V.High	Solid & Semiconductor Devices	High
Modern Physics-I	High	EMF	High
Electrostatics	High	Measurement Error	High
Current Electricity	High	Elasticity & Viscosity	High
Wave Optics	High	Rigid Body Dynamics	High

Remaining 3 days: batch-revise the 23 **Medium/Low**-tier chapters (Mechanics odds and ends, Waves, remaining Modern Physics, EM Waves) in grouped half-day sessions rather than one day each.

Chemistry – Priority Chapters (15 days, 1 day each)

Chapter	Tier	Chapter	Tier
Coordination Compounds	V.High	Periodic Table	High
D & F Block Elements	V.High	Electrochemistry	High
Practical Organic Chemistry	High	Biomolecules	High
Amines	High	Chemical Bonding	High
Atomic Structure	High	Hydrocarbons	High
Chemical Kinetics	High	Aldehydes, Ketones & Carboxylic Acids	High
Mole Concept	High	Thermodynamics & Thermochemistry	High
Liquid Solutions & Colligative Properties	High		

Remaining 1 day: batch-revise the 8 **Medium/Low-tier** chapters (GOC I & II, Haloalkanes, Chemical/Ionic Equilibrium, IUPAC & Isomerism, Alcohols/Phenols/Ethers, Equivalent Concept).

Mathematics – Priority Chapters (10 days)

Chapter	Tier	Chapter	Tier
Vectors & 3D Geometry (2 days)	V.High	Differential Equations	High
Sequence & Progression	V.High	Permutations & Combinations	High
Definite Integration	V.High	Complex Numbers	High
Matrices & Determinants	V.High	Probability	High
Binomial Theorem	High		

Vectors & 3D Geometry gets 2 of the 10 days – the single highest-weightage chapter in all of JEE Main. Every other chapter above gets 1 day.

Remaining 4 days: batch-revise the 21 **Medium/Low-tier** chapters – Maths has the largest tail of lower-weightage chapters, so it gets the most grouped-revision time of the three subjects.

JEE Extension — Applying the 80/20 Rule

Roughly 80% of a JEE Main paper's marks come from chapters that make up well under half the syllabus by chapter count. Phase 1 is built to spend the majority of its 45 days on that smaller high-yield set – if you're short on time and have to cut Phase 1 further, cut from the **Medium/Low**-tier batch-revision days first, never from the **V.High/High** chapter days.

Common Planning Mistake

Spending Phase 1 entirely on the subject you're weakest in is a common instinct, but it usually means the other two subjects' high-yield chapters go unrevised until Phase 2 – too late to fix conceptual gaps before practice starts. Keep all three subjects moving in parallel through Phase 1, even if the daily split isn't equal.

Phase 2: Practice & PYQ Cycle

Days 46–75 | Previous-year questions, chapter by chapter

With concepts refreshed, Phase 2 shifts to solving – previous-year questions first, then the first full-length mocks toward the end of the phase. The goal is fluency and speed on the chapters that matter most, not new learning.

Daily Structure – 30 Days

Days 46–60 (15 days)	2 chapters' worth of PYQs per day (one V.High/High chapter + one Medium/Low chapter), rotating across all three subjects
Days 61–70 (10 days)	Mixed-chapter PYQ sets (full-subject, not single-chapter) to rebuild chapter-identification speed
Days 71–75 (5 days)	First 3 full-length mocks, one every alternate day, with a full review day after each

Which Years of PYQs to Prioritise

Work backward from the most recent sessions first – 2026 (both January and April), then 2025, then 2024 – since these best reflect the current pattern and the chapters flagged **V.High/High** in the weightage handbook. Older years (2020–2023) are still useful for volume and for chapters where recent years had unusually few questions, but shouldn't be the first pass.

JEE Extension — Error Logging Starts Now, Not in Phase 3

Start a running error log from Day 46, not when Phase 3's mocks begin. Every PYQ solved wrong in Phase 2 is cheaper information than the same mistake resurfacing in a timed mock ten days later – log the chapter, the specific misconception, and revisit it in your next batch-revision pass.

Common Planning Mistake

Solving PYQs without reviewing wrong answers the same day is the single most time-wasted pattern in this phase – the practice only compounds if the correction happens immediately, not “later this week.”

Phase 3: Full Mock Test Cycle

Days 76–95 | Timed mocks, structured error correction

Phase 3 is entirely about exam conditions – full 3-hour mocks, strict timing, and a disciplined review process after every single one. No new topics are introduced from this point on.

Mock Schedule – 20 Days

Days 76–85 (10 days)	Full mock every alternate day (5 mocks), full review & error-log update on the day between
Days 86–95 (10 days)	Full mock every day (10 mocks) – by this point review happens same-evening, not the next day

Total: roughly 15 full-length mocks across Phase 3.

Error Analysis Framework

After every mock, sort every wrong or skipped answer into exactly one bucket before moving on:

- **Concept gap** – didn't know the method; revisit that chapter's notes, not just the one question
- **Silly mistake** – knew the method, slipped in execution (sign error, misread the question); log it, don't just note “be careful”
- **Time management** – knew it, ran out of time; flag for faster-recognition practice on that question type
- **Guesswork** – attempted without a real method; treat as a concept gap, not a near-miss

JEE Extension — Reading Your Score Correctly

JEE Main scores are normalised across shifts using percentile, not raw marks – a raw score that looks strong on an easy-shift mock and one that looks weaker on a hard-shift mock can represent similar percentile outcomes. Track percentile-equivalent trends across your mocks (using each mock's own difficulty-adjusted scoring, if the platform provides one) rather than comparing raw scores mock to mock.

Common Planning Mistake

Taking a full mock every single day from Day 76 without building in review time is a common overcorrection – it produces more data than can actually be acted on, and errors repeat unaddressed across several mocks in a row. The alternate-day pace for the first 10 days exists specifically to keep review from being skipped.

Phase 4: Final Revision

Days 96–100 | Formula recall only – no new learning

The last 5 days are not for learning anything new. Their only job is making sure everything already known is easy to recall under exam pressure.

Day-by-Day Breakdown

Day 96	Full formula-sheet read-through, all three subjects – no problem-solving, just recognition
Day 97	Revisit only the specific chapters flagged weakest in your Phase 3 error log
Day 98	One final half-length mock (90 minutes, not 3 hours) to keep exam rhythm, then a light review
Day 99	Formula and concept skim only – close every book by early evening
Day 100	Rest day. Light skim at most, confirm admit card and exam-day logistics, sleep on schedule

Memory Aid — The Last-Week Filter

Before opening any resource in Phase 4, ask: "Have I solved this exact chapter correctly at least once in Phase 2 or 3?" If yes, a formula-sheet glance is enough. If no, it's a Day 97 priority, not a Day 99 one – there's no time left to learn it properly after that.

Common Planning Mistake

Attempting a brand-new question type or a chapter that was skipped earlier in the plan during these final 5 days is the most common way a strong 95-day preparation gets undermined in the last stretch. If a chapter wasn't solid by Day 95, a Day 99 attempt to fix it costs more confidence than it adds in marks.

Quick Reference: 100-Day Timeline

Phase	Days	Focus	Key Deliverable
1. Complete Revision	1–45	Concept clarity, weighted by chapter yield	Every chapter revised at least once
2. Practice & PYQs	46–75	Chapter-wise PYQs, first 3 mocks	Running error log started
3. Full Mock Cycle	76–95	~15 full-length timed mocks	Error log fully categorised & acted on
4. Final Revision	96–100	Formula recall, one light mock	Exam-ready, well-rested

Suggested Daily Hours

Phase 1–2 (school/coaching running)	6–7 hrs/day	Split across all three subjects, roughly matching the day-split ratios above
Phase 3 (mock cycle)	7–8 hrs/day	3 hrs mock + 3–4 hrs review & targeted revision
Phase 4 (final week)	4–5 hrs/day	Lighter by design – rest matters more than hours here

Before you start Day 1: confirm your actual exam date against NTA's official JEE Main 2027 information bulletin once it's released, and recount your phase boundaries from that date – this plan's day numbers are relative, not tied to specific calendar dates.