NPAT 2027 Syllabus Checklist and Weightage Sheet

Tick each topic as you finish it. Study High first, Medium next, and keep Quick wins for short daily sessions.

Paper snapshot

Item	Details
Format	Computer-based test, 120 MCQs, three sections of 40 questions each
Duration	100 minutes in total
Marking	+1 for each correct answer, no negative marking
Level	Class 10 to 12, with a type and difficulty comparable to the SAT pattern
Total marks	120 (1 mark per question)

The topic-wise marks below follow the break-up reported in recent NPAT material. NMIMS can revise it, so confirm in the 2027 information brochure at npat.nmims.edu.

Section 1: Quantitative and Numerical Ability (40 marks)

Topic	Marks	Priority	What to cover	Done
Arithmetic	16	High	Percentages, profit and loss, discount, compound interest and annuities, ratio and proportion, time, work and distance, areas and volumes of 2D and 3D figures	[ ]
Algebra	8	Medium	Basic algebraic identities, linear and quadratic equations, sequences and series (AP and GP)	[ ]
Number System	4	Quick win	Fractions, surds, decimals and number series	[ ]
Sets and Functions	4	Quick win	Set operations, Venn logic and basic functions	[ ]
Statistics and Probability	4	Quick win	Mean, median, mode, spread and basic probability	[ ]
Trigonometry	4	Quick win	Basic ratios, standard values, simple identities and heights and distances	[ ]

Section 2: Reasoning and General Intelligence (40 marks)

Topic	Marks	Priority	What to cover	Done
Critical Thinking	10	High	Decision making from stated rules, and problem solving by organising given information	[ ]
Data Interpretation	10	High	Tables, bar graphs, line graphs and pie charts, with percentage and ratio calculations	[ ]
Numerical Reasoning	6	Medium	Venn diagrams, mathematical equalities and number-based puzzles	[ ]
Verbal-logical Reasoning	5	Medium	Statements and conclusions, arrangements and logical deduction	[ ]
Data Sufficiency	5	Medium	Decide whether the given statements are enough to answer the question	[ ]
Spatial Reasoning	4	Quick win	Figure series, analogies and pattern matching	[ ]

Section 3: Proficiency in the English Language (40 marks)

Topic	Marks	Priority	What to cover	Done
Reading Comprehension	15	High	Three passages with about five questions each: main idea, inference, tone and detail	[ ]
Applied Grammar	8	Medium	Tenses, prepositions, articles, connectives and subject-verb agreement in context	[ ]
Error Recognition	5	Medium	Spot the grammatical error in a sentence	[ ]
Vocabulary	4	Quick win	Synonyms, antonyms and word meanings from context	[ ]
Contextual Usage	4	Quick win	Choose the word that fits the sentence best	[ ]
Sequencing of Ideas	4	Quick win	Arrange sentences into a logical paragraph	[ ]

Where the 120 marks sit

Priority	Topics	Marks	Share
High	Arithmetic (16), Reading Comprehension (15), Critical Thinking (10), Data Interpretation (10)	51	42.5%
Medium	Algebra (8), Applied Grammar (8), Numerical Reasoning (6), Error Recognition (5), Verbal-logical Reasoning (5), Data Sufficiency (5)	37	30.8%
Quick win	Eight topics worth 4 marks each	32	26.7%

What you can safely skip

Topic	Why you can skip it
Calculus, matrices, vectors and coordinate geometry	They fall outside the listed topics
Advanced probability and statistics (distributions, hypothesis tests)	The paper lists only elementary statistics and probability
Physics and Chemistry	They do not appear in the three-section paper
Current affairs and general knowledge	No separate section tests them
Long GRE-style vocabulary lists	Vocabulary carries 4 marks and tests everyday words in context
Essay and letter writing	Every question is an MCQ

This list applies to the common 120-question paper. Programme-specific requirements can differ, so check the brochure for the programme you choose.

Suggested study order

1. Arithmetic, then Reading Comprehension, then Data Interpretation and Critical Thinking.
2. Algebra, Applied Grammar and Error Recognition.
3. Numerical Reasoning, Verbal-logical Reasoning and Data Sufficiency.
4. Quick-win topics in 20-minute daily sessions.
5. Timed full paper once a week, with every question attempted because there is no negative marking.

Official sources

NMIMS NPAT website: npat.nmims.edu (brochure and sample paper). NCERT textbooks for Class 8 to 12 maths: ncert.nic.in. Prepared by CatMock: www.catmock.com