EdLoop

EdLoop EAPCET

EAPCET (EAMCET) · MATHEMATICS

Mathematics: chapter-wise weightage

Previous Year Questions: what to study first

29 chapters · **11,920** questions · **2010–2026**

Chapter PDFs with every question and answer, and step-by-step solutions: free in the EdLoop EAPCET app (Google Play) · pyq.edloop.in

EdLoop EAPCET

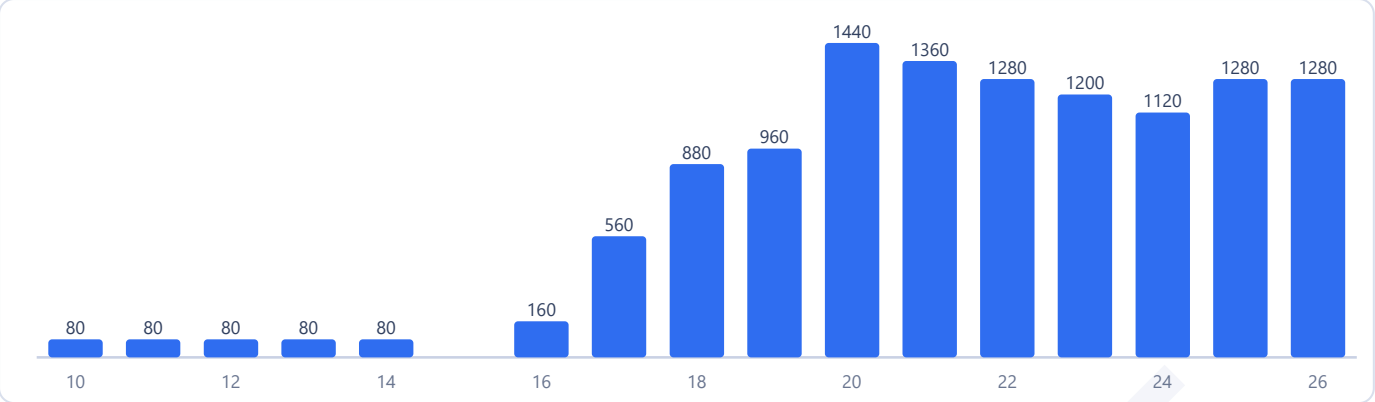
Mathematics chapters ranked by weightage

Weightage = a chapter's share of all Mathematics questions in 2022–2026. Questions and papers count every year we hold (2010–2026). Counts only; nothing here predicts a future paper.

#	Chapter	Weightage 2022–2026	Questions	Papers	Years
1	Trigonometry	8.4%	996	149	2010–2026
2	Straight Lines	7.8%	1,043	149	2010–2026
3	Probability	6.9%	763	149	2010–2026
4	Circles	6.7%	801	149	2010–2026
5	Indefinite Integration	5.6%	623	149	2010–2026
6	Vector Algebra	5.4%	707	149	2010–2026
7	Quadratic Equations	5.3%	614	149	2010–2026
8	Applications of Derivatives	4.7%	534	149	2010–2026
9	Three Dimensional Geometry	4.6%	577	149	2010–2026
10	Complex Numbers	4.3%	518	149	2010–2026
11	Limits, Continuity & Differentiability	4.1%	446	148	2010–2026
12	Definite Integration	3.9%	395	149	2010–2026
13	Permutations & Combinations	3.6%	395	149	2010–2026
14	Differential Equations	3.4%	364	149	2010–2026
15	Differentiation	3.3%	443	146	2010–2026
16	Sets, Relations & Functions	3.3%	386	148	2010–2026
17	Matrices	3.3%	373	145	2010–2026
18	Binomial Theorem	2.4%	295	128	2010–2026
19	Parabola	2%	249	149	2010–2026
20	Ellipse	1.9%	240	145	2011–2026
21	Hyperbola	1.9%	190	143	2010–2026
22	Hyperbolic Functions	1.4%	150	138	2010–2026
23	Determinants	1.3%	165	106	2010–2026
24	Statistics	1.2%	198	143	2014–2026
25	Partial Fractions	1%	128	121	2010–2026
26	Inverse Trigonometric Functions	0.8%	118	106	2010–2026
27	Area Under Curves	0.7%	94	93	2010–2026
28	Sequences & Series	0.6%	81	69	2010–2026
29	Mathematical Induction	0.1%	34	34	2011–2026

EdLoop EAPCET

Mathematics questions per year



Questions we hold per year, all 29 chapters together (2010–2026). The number of papers held per year differs, so compare years with care.

Chapters asked every year, 2022–2026

Sets, Relations & Functions
Complex Numbers
Quadratic Equations
Partial Fractions
Matrices
Determinants
Permutations & Combinations
Binomial Theorem
Sequences & Series
Limits, Continuity & Differentiability
Differentiation
Applications of Derivatives
Indefinite Integration
Definite Integration
Differential Equations
Straight Lines
Circles
Parabola
Ellipse
Hyperbola
Three Dimensional Geometry
Vector Algebra
Statistics
Probability
Trigonometry
Hyperbolic Functions

No questions in 2025–2026

Every chapter has at least one question in 2025–2026.

Based on the questions we hold for those two years; a chapter missing here may simply have been left out of those papers.

Chapter PDFs

One PDF per chapter with every question and its answer: pyq.edloop.in/free-pdfs/

1. Sets, Relations & Functions (386 questions)
2. Complex Numbers (518 questions)
3. Quadratic Equations (614 questions)
4. Partial Fractions (128 questions)
5. Matrices (373 questions)
6. Determinants (165 questions)
7. Permutations & Combinations (395 questions)
8. Binomial Theorem (295 questions)
9. Sequences & Series (81 questions)
10. Limits, Continuity & Differentiability (446 questions)
11. Differentiation (443 questions)
12. Applications of Derivatives (534 questions)
13. Indefinite Integration (623 questions)
14. Definite Integration (395 questions)
15. Area Under Curves (94 questions)
16. Differential Equations (364 questions)
17. Straight Lines (1,043 questions)
18. Circles (801 questions)
19. Parabola (249 questions)
20. Ellipse (240 questions)
21. Hyperbola (190 questions)
22. Three Dimensional Geometry (577 questions)

EdLoop EAPCET

23. Vector Algebra (707 questions)
24. Statistics (198 questions)
25. Probability (763 questions)
26. Trigonometry (996 questions)
27. Inverse Trigonometric Functions (118 questions)
28. Hyperbolic Functions (150 questions)
29. Mathematical Induction (34 questions)

EdLoop EAPCET