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EAPCET (EAMCET) · PHYSICS

Physics: chapter-wise weightage

Previous Year Questions: what to study first

28 chapters · **5,960** 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

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Physics chapters ranked by weightage

Weightage = a chapter's share of all Physics 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	Kinematics	7.4%	463	149	2010–2026
2	Current Electricity	5.2%	288	145	2010–2026
3	Magnetic Effects of Current	4.9%	285	147	2010–2026
4	Work, Energy & Power	4.7%	307	144	2010–2026
5	Thermodynamics	4.7%	285	148	2010–2026
6	Laws of Motion	4.5%	299	143	2010–2026
7	Rotational Motion	4.4%	284	143	2010–2026
8	Electrostatics	4.3%	277	146	2010–2026
9	Semiconductor Electronics	4.3%	227	142	2010–2026
10	Oscillations (SHM)	4%	208	141	2010–2026
11	Thermal Properties of Matter	3.7%	255	142	2010–2026
12	Fluid Mechanics	3.7%	216	146	2010–2026
13	Ray Optics	3.5%	202	142	2010–2026
14	Waves	3.3%	206	142	2010–2026
15	Units, Dimensions & Errors	3.3%	195	143	2010–2026
16	Nuclei	3.3%	170	134	2011–2026
17	Kinetic Theory of Gases	3%	163	132	2011–2026
18	Electromagnetic Induction	2.8%	181	138	2010–2026
19	Dual Nature of Matter & Radiation	2.8%	161	139	2010–2026
20	Electromagnetic Waves	2.8%	150	132	2014–2026
21	Gravitation	2.5%	167	143	2010–2026
22	Elasticity	2.5%	149	137	2010–2026
23	Atoms	2.5%	141	131	2011–2026
24	Communication Systems	2.5%	133	133	2012–2026
25	Alternating Current	2.4%	143	131	2013–2026
26	Wave Optics	2.4%	136	127	2010–2026
27	Magnetism & Matter	2.4%	135	126	2010–2026
28	Capacitors	2.3%	134	109	2010–2026

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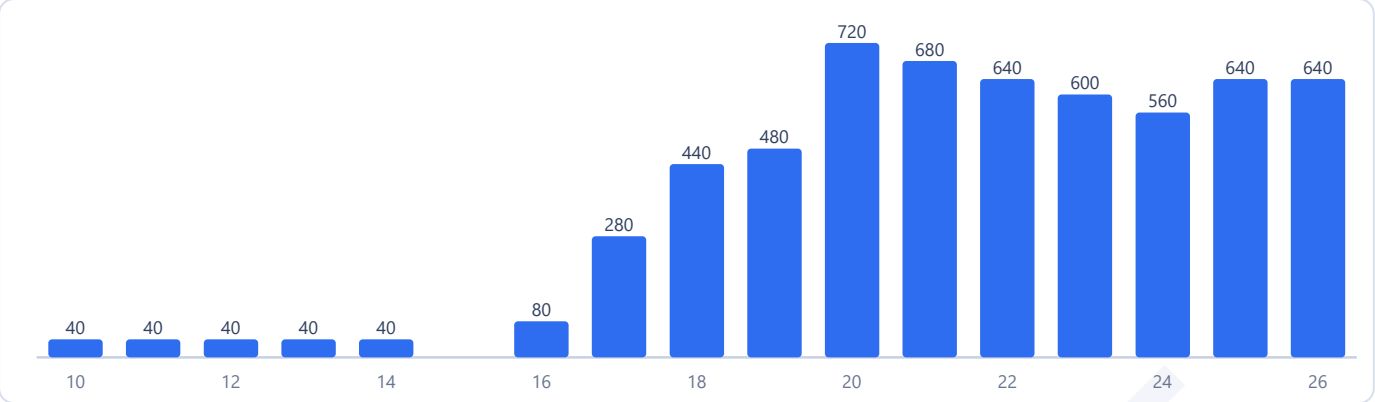
Physics questions per year



Questions we hold per year, all 28 chapters together (2010–2026). The number of papers held per year differs, so compare years with care.

Chapters asked every year, 2022–2026

Units, Dimensions & Errors
Kinematics
Laws of Motion
Work, Energy & Power
Rotational Motion
Gravitation
Elasticity
Fluid Mechanics
Thermal Properties of Matter
Thermodynamics
Kinetic Theory of Gases
Oscillations (SHM)
Waves
Electrostatics
Capacitors
Current Electricity
Magnetic Effects of Current
Magnetism & Matter
Electromagnetic Induction
Alternating Current
Electromagnetic Waves
Ray Optics
Wave Optics
Dual Nature of Matter & Radiation
Atoms
Nuclei
Semiconductor Electronics
Communication Systems

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. Units, Dimensions & Errors (195 questions)
2. Kinematics (463 questions)
3. Laws of Motion (299 questions)
4. Work, Energy & Power (307 questions)
5. Rotational Motion (284 questions)
6. Gravitation (167 questions)
7. Elasticity (149 questions)
8. Fluid Mechanics (216 questions)
9. Thermal Properties of Matter (255 questions)
10. Thermodynamics (285 questions)
11. Kinetic Theory of Gases (163 questions)
12. Oscillations (SHM) (208 questions)
13. Waves (206 questions)
14. Electrostatics (277 questions)
15. Capacitors (134 questions)
16. Current Electricity (288 questions)
17. Magnetic Effects of Current (285 questions)
18. Magnetism & Matter (135 questions)
19. Electromagnetic Induction (181 questions)
20. Alternating Current (143 questions)

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21. Electromagnetic Waves (150 questions)
22. Ray Optics (202 questions)
23. Wave Optics (136 questions)
24. Dual Nature of Matter & Radiation (161 questions)
25. Atoms (141 questions)
26. Nuclei (170 questions)
27. Semiconductor Electronics (227 questions)
28. Communication Systems (133 questions)

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