# High weightage chapters for JEE Mains Physics

Chapter priorities, broad historical estimates and revision guidance

Use this guide to prioritize JEE Main revision. The estimates below are broad ranges carried over from the chapter-wise table discussed earlier; treat them as planning aids, not predictions of the exact questions in a future shift.

## Chapter-wise weightage overview

| Chapter / Unit | Average weightage | Approx. questions per paper | Approx. marks |
|---|---|---|---|
| Modern Physics | 14–18% | 3–4 | 12–16 |
| Electrostatics and Current Electricity | 10–13% | 2–3 | 8–12 |
| Mechanics: Kinematics, NLM and Work, Energy and Power | 9–12% | 2–3 | 8–12 |
| Magnetism, EMI and AC | 8–12% | 2–3 | 8–12 |
| Optics: Ray and Wave Optics | 6–9% | 1–2 | 4–8 |
| Thermodynamics and Kinetic Theory | 6–9% | 1–2 | 4–8 |
| Rotational Motion and Center of Mass | 4–7% | 1–2 | 4–8 |
| SHM and Waves | 3–5% | Around 1 | Around 4 |
| Gravitation | 2–4% | 0–1 | 0–4 |
| Properties of Matter and Units | 2–4% | 0–1 | 0–4 |

## How to use this list

- Start with Modern Physics, Current Electricity, and Electrostatics, then revise Optics and Magnetism-related topics.
- Use formula sheets and timed numerical practice for Thermodynamics, Work, Energy and Power, and Rotational Motion.
- Practice conceptual questions as well as calculations; chapter frequency and difficulty can vary between shifts.

**Data note**
These broad estimates are reproduced from the earlier chapter-weightage table in this conversation. They are not independently verified official NTA figures or a year-by-year 10-year dataset. Combined units can overlap, and actual counts vary by shift.

Preparation reminder: verify the current JEE Main syllabus and consult recent official papers. No chapter-wise estimate guarantees a question or percentile.