



KCET CHAPTERWISE WEIGHTAGE | PHYSICS

LAST 5 YEARS ANALYSIS

KCET Chapterwise Wightage Analysis

| Chapter Name | 2023 | 2022 | 2021 | 2020 | 2019 |
|-------------------------------|------|------|------|------|------|
| Physical World (XI) | - | 1 | - | - | 1 |
| Units and Measurements(XI) | 1 | 1 | 1 | 1 | 1 |
| Motion in a Straight Line(XI) | 1 | 1 | 1 | 1 | 1 |
| Motion in a Plane(XI) | 1 | 1 | 4 | 2 | 1 |
| Laws of Motion(XI) | 1 | 1 | 1 | 1 | 1 |
| Work, Energy and Power(XI) | 1 | 1 | 2 | 1 | 1 |

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| Chapter Name | 2023 | 2022 | 2021 | 2020 | 2019 |
|---|------|------|------|------|------|
| System of Particles and Rotational Motion(XI) | 2 | 2 | 1 | 1 | 2 |
| Gravitation(XI) | 1 | - | 1 | 1 | 1 |
| Mechanical Properties of Solids(XI) | 1 | 1 | 1 | 1 | 2 |
| Mechanical Properties of Fluids(XI) | 1 | - | 1 | 1 | 2 |
| Thermal Properties of Matter(XI) | 1 | - | 1 | 1 | - |
| Thermodynamics(XI) | 1 | 1 | 1 | 1 | 1 |

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|--------------------|------|------|------|------|------|
| Kinetic Theory(XI) | 1 | - | - | 1 | 1 |
| Oscillations(XI) | 1 | 1 | 1 | 1 | 2 |
| Waves(XI) | 1 | - | 1 | 1 | 1 |

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|--|------|------|------|------|------|
| Electric Charges and Fields(XII) | 3 | 4 | 4 | 4 | 2 |
| Electrostatic Potential and Capacitance(XII) | 3 | 3 | 4 | 4 | 5 |
| Current Electricity(XII) | 6 | 7 | 4 | 6 | 6 |
| Moving Charges and Magnetism(XII) | 5 | 5 | 5 | 5 | 5 |
| Magnetism and Matter(XII) | 2 | 1 | 2 | 3 | 2 |
| Electromagnetic Induction(XII) | 3 | 3 | 1 | 3 | 1 |
| Alternating Current.(XII) | 3 | 4 | 3 | 3 | 3 |
| Electromagnetic Waves(XII) | 1 | 2 | 2 | 1 | 1 |
| Ray Optics and Optical Instruments(XII) | 4 | 5 | 4 | 3 | 2 |

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|--|-----------|-----------|-----------|-----------|-----------|
| Wave Optics(XII) | 3 | 4 | 3 | 3 | 4 |
| Dual Nature of Radiation and Matter(XII) | 3 | 3 | 3 | 2 | 1 |
| Atoms(XII) | 2 | 3 | 2 | 3 | 3 |
| Nuclei(XII) | 3 | 2 | 3 | 3 | 2 |
| Semiconductor Electronics: Materials, Devices and Simple Circuits(XII) | 4 | 3 | 3 | 2 | 3 |
| Communication Systems(XII) | - | - | - | - | 2 |
| TOTAL | 60 | 60 | 60 | 60 | 60 |

