📚 CHAPTER-WISE WEIGHTAGE OF MPC FOR AP & TS EAMCET

🧮 Mathematics - Chapter-wise Weightage

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Topics	Shift-1	Shift-4	Shift-5	Shift-6	Shift-7	Shift-8	Shift-9	Shift-10	Shift-11	Expected
Quadratic Equation	3	3	4	3	4	3	4	4	4	4
Complex Number	3	3	3	3	3	3	3	2	3	3
Permutation combination	3	2	2	3	3	3	3	3	2	3
Sequence and series	0	3	2	1	1	3	1	0	2	2
Mathematical Induction	0	0	0	0	0	0	0	0	0	0
Trigonometric Ratios and Identities	4	2	3	5	3	3	2	4	3	3
Trigonometric Equations	1	2	1	2	1	1	3	2	1	2
Straight Lines	5	7	2	8	7	4	3	3	5	5
Pair of Lines	0	0	0	2	0	2	3	3	1	1
Circle	5	5	5	5	7	5	5	5	5	5
Parabola	2	1	1	1	1	1	1	1	1	1
Ellipse	1	1	1	1	1	1	1	1	1	1
Binomial Theorem	4	1	2	2	1	2	3	3	2	2
Hyperbola	2	3	3	2	2	1	2	2	3	2
Limits	2	3	2	2	3	2	2	2	2	2
Statistics	1	1	1	1	1	1	1	1	1	1
Properties of Triangle	2	4	3	1		3	3	3	3	3
Sets and Relations	0	0	1		0	0	0	0	0	0
Matrices	0	1	1	3	1	2	2	2	1	2
Determinants	2	3	2	0	1	1	1	1	2	2
Inverse Trigonometric Functions	2	0	2	1	1	2	0	1	1	1
Functions	3	4	2	2	3	3	3	2	2	3
Continuity and Differentiability	2	3	1	2	3	1	2	1	3	2
Differentiation	2	1	2	1	3	4	2	3	2	2
Application of Derivatives	3	3	4	3	5	3	4	4	3	4
Heights and Distances	0	0	0	0	0	0	0	0	0	0
Indefinite integration	5	7	6	5	4	6	5	6	6	6
Definite integration	3	1	3	4	4	4	3	5	2	3
Area under Curves	1	1	1	0	1	1	1	0	1	1
Differential Equations	3	3	3	3	3	3	3	2	4	3
Vector Algebra	5	2	3	4	6	2	5	3	6	4
3-D Geometry	4	4	6	3	2	6	3	5	2	4
Probability	6	6	6	6	5	6	6	6	6	6

Name of the Topic	EXPECTED NO OF QNS BASED ON 2024-2023 ANALYSIS
Functions	4
Mathematical Induction	1
Matrices	2

Additions of Vectors	2
Products of Vectors	4
Trigonometric Ratios	1
Periodicity & Extreme Values	1
Compound Angles	1
Multiple & Sub-Multiple Angles	1
Transformations	1
Trigonometric Equations	1
Inverse Trigonometric Functions	1
Hyperbolic Functions	1
Properties of Triangles	3
Prerequisites (Co-ordinate Geometry)	2
Locus	1
Change of Axis	1
Straight Lines	2
Pair of Straight Lines	1
Three Dimensional Geometry	1
Direction Cosines & Direction Ratios	1
3D-Lines	1
3D-Planes	1
Limits	2
Continuity	1

Differentiation	2
Errors & Approximations	1
Tangents & Normal	1
Rate of Change	1
Maxima and Minima	2
Mean Value Theorems	1
Complex Numbers	3
De Moivre's Theorem	1
Quadratic Expressions	2
Theory of Equations	1
Permutations and Combinations	2
Binomial Theorem	2
Partial Functions	1
Probability	3
Measures of Dispersion	2
Circle	3
System of Circle	1
Parabola	2
Ellipse	1
Hyperbola	1
Integration	3
Definite Integrals	2
Areas	1
Differential Equation	2

🧪 Chemistry - Chapter-wise Weightage

Chapter	EXPECTED NO OF QNS BASED ON 2024-2023 ANALYSIS

ORGANIC COMPOUNDS CONTAINING C,H AND O (ALCOHOLS, PHENOLS, ETHERS, ALDEHYDES, KETONES AND CARBOXYLIC ACIDS)	4
CHEMICAL EQUILIBRIUM AND ACIDS-BASES	3
ATOMIC STRUCTURE	2
BIOMOLECULES	2
CHEMICAL BONDING AND MOLECULAR STRUCTURE	2
d AND f BLOCK ELEMENTS & COORDINATION COMPOUNDS	2
ORGANIC CHEMISTRY-SOME BASIC PRINCIPLES AND TECHNIQUES AND HYDROCARBONS	2
p-BLOCK ELEMENTS	2
SOLUTIONS	2
STATES OF MATTER: GASES AND LIQUIDS	2
STOICHIOMETRY	2
THERMODYNAMICS	2
ELECTROCHEMISTRY AND CHEMICAL KINETICS	1
GENERAL PRINCIPLES OF METALLURGY	1

HALO ALKANES AND HALO ARENES	1
HYDROGEN AND ITS COMPOUNDS	1
ORGANIC COMPOUNDS CONTAINING NITROGEN	1
p-BLOCK ELEMENTS GROUP 13 (BORON FAMILY)	1
p-BLOCK ELEMENTS - GROUP 14 (CARBON FAMILY)	1
POLYMERS	1
SOLID STATE	1
SURFACE CHEMISTRY	1
CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES	1
THE s-BLOCK ELEMENTS (ALKALI AND ALKALINE EARTH METALS)	1
CHEMISTRY IN EVERYDAY LIFE	1
Total	**40**

⚡ Physics - Chapter-wise Weightage

Chapter	EXPECTED NO OF QNS BASED ON 2024-2023 ANALYSIS
Electrostatic Potential And Capacitance	2
Laws Of Motion	2

Motion In A Plane	2
Motion In A Straight Line	2
Moving Charges And Magnetism	2
Oscillations	2
Semiconductor Electronics: Materials, Devices And Simple Circuits	2
Thermal Properties Of Matter	2
Work, Energy And Power	2
Atoms	1
Alternating Current	1
Communication Systems	1
Current Electricity	1
Dual Nature Of Radiation And Matter	1
Electric Charges And Fields	1
Electromagnetic Induction	1
Electromagnetic Waves	1
Gravitation	1
Kinetic Theory	1
Magnetism And Matter	1
Mechanical Properties Of Fluids	1
Mechanical Properties Of Solids	1
Nuclei	1
Physical World	1
Ray Optics And Optical Instruments	1
Systems Of Particles And Rotational Motion	1

Thermodynamics	1
Units And Measurements	1
Wave Optics	1
Waves	1
Total	**40**

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