AP & TS EAPCET (EAMCET) — 160-Question Weightage & Cutoff Guide

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AP EAPCET and TS EAPCET ask **160 questions in 180 minutes (67.5 seconds per question) with ZERO negative marking**. Because Mathematics carries **80 questions (50% of the entire paper)**, your clock management decides your rank.

Target State Rank	Safe Score (/160)	Maths (/80)	Phys (/40) + Chem (/40)	Top Colleges Unlocked
Top 500 Rank	**132 – 142+**	66+	32+ Phys · 35+ Chem	JNTU Hyderabad / AU Visakhapatnam CSE
Top 1,500 Rank	**118 – 128+**	58+	28+ Phys · 32+ Chem	OU Hyderabad / CBIT / VNR VJIET / SVU CSE
Top 5,000 Rank	**98 – 112+**	48+	23+ Phys · 28+ Chem	Vasavi / Gokaraju Rangaraju / Gayatri Vidya CSE

Section	Must-Do High-Weightage Blocks	Questions	180-Minute Clock & Speed Strategy
1. Chemistry (40 Qs)	Atomic, Bonding, p/d-Block & Coordination 🔥 Electrochem, Kinetics, Solutions & Thermo 🔥 GOC, Hydrocarbons & Nitrogen Organic 🔥	**40 Qs** 🔥	* **Start the exam with Chemistry and finish all 40 questions in 30 minutes!** That banks 32+ marks and saves 150 minutes for Maths & Physics.
2. Mathematics (80 Qs)	Calculus (Limits, Diff, AOD, Integration, DE) 🔥 Vectors, 3D Geometry & Matrices 🔥 Circles, Conics, Trig, Complex & Prob. 🔥	**80 Qs** 🔥	* Spend **95 minutes on Mathematics**. Use option value-plugging (θ = 0°, 45°, n = 1, 2) to solve trigonometric and algebraic questions in 30 seconds.
3. Physics (40 Qs)	Thermodynamics, KTG, Waves & Optics 🔥 Current Elec., Electrostatics, Mag & Modern 🔥 Laws of Motion, WPE & Rotation 🔥	**40 Qs** 🔥	* Spend **50 minutes on Physics** and reserve the final 5 minutes to ensure all 160 questions are answered (zero negative marking!).

Zero-Negative Rule: Never leave any of the 160 questions unattempted — eliminate 2 options and mark!

Practice Top PYQs on Crucible ↗