

Exam Pattern & Syllabus For AP ICET 2019

S.No	Sections	Section Name	Subject	No of Questions	No of Marks	Duration
1.	A	Analytical Ability	Data Sufficiency	20	75 Marks	2 Hours 30 Minutes (150 Minutes)
			Problem Solving	55		
2.	B	Mathematical Ability	Arithmetical Ability	35	75 Marks	
			Algebraical and Geometrical Ability	30		
			Statistical Ability	10		
3.	C	Communication Ability	Vocabulary	10	50 Marks	
			Business and Computer Terminology	10		
			Functional Grammar	15		
			Reading Comprehension	15		
Total				200	200	

AP Integrated Common Entrance Test (ICET) 2019 Syllabus

i) Analytical Ability

- Data Sufficiency.
- Problem Solving.
 - Sequences and Series.
 - Date, Time & Arrangement Problems
 - Data Analysis.
 - Coding and Decoding Problems.

ii) Mathematical Ability

Arithmetical Ability.

- Laws of indices.
- Ratio and proportion.
- Percentages.
- Profit and loss.
- Partnership.
- Surds.
- Ordering.
- Time, distance and work problems.

- L.C.M and G.C.D.
- Areas and volumes.
- Mensuration.
- Numbers and divisibility.
- Rational numbers
- Pipes and cisterns.
- Modular arithmetic.

Algebraical and Geometrical Ability.

- Statements.
- Truth tables.
- Linear equations and expressions.
- Progressions.
- implication converse, and inverse.
- applications – Equation of a line in different forms.
- Trigonometry.
 - Trigonometric ratios.
 - The Trigonometric ratios of standard angles, (0° , 30° , 45° , 60° , 90° , 180°).
 - Trigonometric identities: sample problems on heights and distances.
- Polynomials.
- Remainder theorem and consequences.
- Tautologies-Sets.
- Relations and functions.
- The Notion of a limit and derivative.
- Plane geometry – lines.
- Triangles.
- Binomial Theorem.
- Matrices.
- Quadrilaterals.
- Circles.
- Coordinate geometry-distance between points.

Statistical Ability.

- Frequency Distributions.
- Correlation.
- Mean.
- Standard Deviation.
- Median.
- Mode.
- simple problems on Probability.

APICET Syllabus – Communication Ability

- Vocabulary.
- Reading Comprehension (3 Passages).
- Business and Computer terminology.
- Functional Grammar.

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