

# Telangana Social Welfare & Tribal Welfare Residential Educational Institutions Societies



## TGCET V Class Exam Pattern

Sections/ Parts	Number Of Marks
Telugu	20 Marks
English	25 Marks
Mathematics	25 Marks
Environmental Science	20 Marks
Mental Ability	10 Marks
<b>Total Questions: 100 Questions    Total Time: 2 Hours</b>	

## TGCET Gurukulam 5th Class Syllabus

### Telugu

- వినడం, ఆలోచించి చెప్పడం
- చదవడం, అర్థం చేసుకుని చెప్పడం, రాయడం
- ఆలోచించి సొంతమతాలలో రాయడం
- పదజాలం
- స్పృజనాత్మకత
- ప్రశంస
- భాషను గురించి తెలుసుకుందాం

### English

- Antonyms

# Telangana Social Welfare & Tribal Welfare Residential Educational Institutions Societies



- Active and Passive Voice
- Substitution
- Sentence Improvement
- Synonyms
- Spelling Test
- Substitution
- Passage Completion
- Idioms and Phrases
- Sentence
- Completion
- Error Correction (Underlined Part)
- Transformation
- Prepositions
- Sentence Arrangement
- <https://www.freshersnow.com/syllabus/>
- Fill in the blanks
- Spotting Errors
- Para Completion
- Joining Sentences
- Error Correction (Phrase in Bold)

## **Mathematics**

- Relations and Functions
- Logarithms
- Complex Numbers
- Quadratic Equations
- Sequences and Series
- Trigonometry
- Cartesian System of Rectangular Coordinates
- Statistics
- Differentiation
- Introduction to Three Dimensional Geometry
- Straight Lines
- Circles
- Conic Sections
- Permutations and Combinations
- Vectors

# Telangana Social Welfare & Tribal Welfare Residential Educational Institutions Societies



- Exponential and Logarithmic Series
- Sets and Set Theory
- Probability Function
- Limits and Continuity
- Applications of Derivatives
- Indefinite Integrals Binomial Theorem
- Matrices
- Determinants

## **Environmental Science**

- Modes of Existence
- Ecology
- Pollution
- Legal Regimes for Sustainable Development
- Technology and Environment
- Design and Planning for Environmental
- Conservation and Protection

## **Mental Ability**

- Visual Memory
- Clocks
- Discrimination
- Space Visualization
- Odd man out
- Symbolic/ Number Classification
- Analytical Reasoning
- Letter series
- Arithmetical Number Series
- Relationship Concepts
- Figural Classification
- Similarities
- Coding-Decoding
- Shapes and Mirror
- Arithmetical Reasoning
- Venn diagrams
- Non-Verbal Test
- Semantic Analogy

# Telangana Social Welfare & Tribal Welfare Residential Educational Institutions Societies



- Number series
- Problem Solving