



# Sri Chaitanya School Techno Curriculum

The right mentor for IIT (JEE), Medical, Olympiad & all other Competitive exams

## Campus Recruitment Test Syllabus

### Guidelines:

- The question paper consists of Multiple Choice Questions.
- Each question carries 1 mark
- Exam duration: 1 Hour
- There is no negative marking.
- No. of Questions: 50

### Campus Placements

#### MATHEMATICS

1. Partial Differential integration
2. Complex analysis
3. Functional analysis
4. Real analysis
5. Algebra
6. Trigonometry
7. Geometry
8. Calculus
9. Number system

Wish You All The Best

## PHYSICS

1. Solid state physics
2. Classical Mechanics
3. Quantum mechanics
4. Electronics
5. Simple harmonic oscillations
6. Nuclear physics
7. Geo physics
8. Space physics
9. Mechanics
10. Optics
11. Electricity
12. Thermodynamics

## CHEMISTRY

1. Chemical bonding
2. Mole concept
3. Structure of atom
4. Organic chemistry (Nomenclature, isomerism)
5. Solutions
6. States of matter
7. Reaction Mechanism
8. General Spectroscopy
9. Methods of purification (all methods including chromatography)
10. Thermodynamics
11. Bonding in metal complexes

10. ~~Reproduction in plants~~

11. ~~Seed dispersal~~

## SOCIAL

### Geography

1. The Solar System
2. Shape and Movements of the Earth
3. Earthquakes
4. Volcanoes
5. The Oceans
6. Atmosphere

### History

1. Harappan Civilization (2600 - 1900BC)
2. The Mauryan Empire (321BC - 184BC)
3. The Kakatiyas
4. The Mughal Empire
5. Indian Freedom Movement

### Political Science

1. Salient Features of Indian constitution
2. Indian Administration - Central Government (Legislative, Executive, Judiciary)
3. Indian Administration – State Government (Legislative, Executive, Judiciary)

### Economics

1. National Income
2. Unemployment Concepts
3. Types of Industries

## ENGLISH

1. English Poetry from Chaucer to Milton
2. Romantic Poetry
3. English Literature (18<sup>th</sup>, 19<sup>th</sup> & 20<sup>th</sup> century)
4. Indian Writing in English
5. English Drama
6. Shakespearean Drama
7. History of English language

### General Grammar:

1. Kinds of sentences
2. Tenses
3. Active & Passive Voice
4. Reported speech
5. Parts of speech
6. Finding errors and correction of sentences
7. Idioms & Phrasal verbs
8. Synonyms & Antonyms
9. Degrees of comparison
10. Simple, Complex, Compound
11. Reading comprehension
12. Letter writing

## BIOLOGY

1. Cell biology
2. Plant physiology
3. Animal Physiology
4. Genetics
5. Immunology
6. Ecology and environment
7. Movements in animals
8. Plant tissues
9. Animal tissues
10. Reproduction in plants
11. Seed dispersal