

# Telangana DIETCET Syllabus - Subject Wise

## Part A

### General Knowledge

- Countries and Capitals
- Knowledge of Current Events
- Important days
- General Politics
- Science- Inventions and Discoveries
- India and Its Neighboring Countries
- National Current Affairs
- International Current Affairs
- History
- Culture
- Abbreviations
- Economic Scene
- Scientific Research
- Indian Constitution

### Teaching Aptitude

- To examine the skillfulness of the contestants in teaching aptitude

## Part B

### General English

- Spotting the Errors.
- Idioms & phrases.
- Spellings Check.
- Re-arranging sentences.
- Comprehensive skills.
- Sentence formation.
- Sentence completion.
- Synonyms.
- Antonyms.
- Spelling mistakes.

### Telugu, Urdu

- Recognize correct tense
- Select the correct voice
- Comprehension
- Plural forms

- Match the words and phrases
- Fill-ups
- Select the correct question tags

## **Part- C**

### **Mathematics**

- Algebra
- Number System
- Whole Numbers
- Constructions
- Negative Numbers and Integers
- Basic geometrical ideas (2-D)
- Understanding Elementary Shapes
- Mensuration
- Symmetry
- Quadrilateral
- Data handling, statistics also
- Introduction to Algebra
- Cube root Profit & Loss
- Geometry
- Fractions Exponents
- Ratio and Proportion
- Compound Interest Discount

### **Physical Sciences**

- Electrostatics
- Atom Molecules and Nuclei
- Circular Motion
- Current Electricity
- Electromagnetic Induction
- Electrons and photons
- Kinetic Theory of Gases
- Radiation
- Rotational Motion
- Simple Harmonic Motion
- Thermionic Emission
- Wave
- Theory of Light
- Semi-Conductors
- Properties of Fluids
- Magnetic effect of electric current
- Gravitation

## **Biological Sciences**

- Photosynthesis
- Pollution
- Domestication of plants
- Evolution
- Fertilizers
- Genes
- Locomotion
- Nervous coordination
- Bioenergy Biotechnology
- Circulation
- Reproduction
- Respiration
- Classification of Chordata
- Community health services and measures
- Conquest of land
- Domestication of animals

## **Social Studies**

- History
- Geography
- Political life & Social life

Jobschatin