



TSWR JC & COE CET Exam Pattern

Subject Names	Marks
Maths	30
Physical Science	30
Bio-Science	30
Social Studies	30
English (Comprehension & Grammar)	15
General Knowledge & Current Affairs	15
Total	150

TSWR JC & COE CET Syllabus

Maths

- Number System
- Sets
- Algebra
- Quadratic Equations
- Progressions
- Trigonometry
- Geometry
- Mensuration



- Surface Areas and Volume

Physical Science

- Reflection of light at a curved surface
- Chemical Equations and Reactions
- Acids, Bases, and Salts
- Refraction of light at a curved surface
- The human eye and colorful world
- Structure of atom
- Classification of Elements – The Periodic Table
- Chemical Bonding
- Electric Current
- Electromagnetism
- Principles of Metallurgy
- Carbon and its compounds

Bio Science

- Nutrition
- Respiration
- Transportation
- Excretion
- Control & coordination
- Reproduction
- Coordination in Life Processes
- Heredity
- Our Environment
- Natural resources

Social Studies

- India: Relief Features
- Ideas on Development
- Production and Employment
- The climate in the Indian Context
- The Himalayan Rivers: The Indus system, The Brahmaputra system
- The Population
- Settlement and Migration
- Rampur: Village Economy

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- The struggle for a fair Globalisation
- Food Security
- Public Distribution System(PDS)
- The world between wars 1900-1950
- Consequences of the World Wars Enormous human cost Democratic Principles asserted
- <https://exams.freshersnow.com/>
- National Liberation Movements in the colonies
- The colonial experience
- National Movement in India – Partition & Independence 1939-1947
- NOTA
- SRC – State is organization commission
- The cold war(1945-1991)
- Civil Rights and Other Movements of 1960s

English

- Comprehension
- Grammar

General Knowledge

- Awards
- Authors
- Flower
- Defense
- Culture
- Religion
- Languages
- Capitals
- Wars and
- Neighbors
- Current Affairs
- History
- Anthem
- Important National Facts
- Heritage and Arts
- Dance
- Currencies
- Bird

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- Animal
- Abbreviations
- Discoveries
- Diseases and Nutrition
- Song
- Flag
- Monuments
- Personalities
- Freedom Movement
- Championships
- Winners
- Terms

Current Affairs

- Economy
- Banking
- Awards
- Sports
- Current Events
- Logical Ability
- Non-Verbal Series
- Blood Relations
- Mirror Images
- International Affairs
- Directions
- Clocks & Calendars
- Arithmetical Reasoning
- Embedded Figures
- Coding-Decoding
- Analogy