Tata Steel JET Syllabus, TISCO Junior Engineer Trainee, Question Paper, Online Test 2022

Tata Steel JET application form has been started.

Organization Name	Tata Steel USIL Ltd
Job Name	Junior Engineer Trainee (JET)
Exam Date	January 2022 (Tentative)
Admit Card Date	3-7 Day Before Exam

Training Stipend	#Rs.12,500
Salary After Training	#Rs.24000-28000/-

#Revised salary may vary as per Tata Steel USIL Ltd norms.

JET application form and notification can be checked from the link below.

☛ Tata Steel JET Form 2021

Continue reading below for the latest detailed Tata Steel JET syllabus.

Tata Steel JET Syllabus 2021 - 2022

Tata Steel JET syllabus for written exam will be for these Degree/Diploma in Engineering courses. This year only three courses are allowed for JET exam.

- Mechanical
- Electrical

- Civil

Tata Steel JET Syllabus 2021 Exam: Selection Process

The selection of a candidate will be based on Four Tiers of Exams. The candidate needs to qualify for each tier exam to ensure the final selection. Tier 1 exam will be an Online Written Test in which academic knowledge will be tested. **TISCO JET Syllabus 2021** for Online Written Test is categorized into different parts. Tier 2 exam will be a Personal interview. After Personal Interview Tier 3 exam - Medical Test. The last Selection Process will be Tier 4 - Physical Standard Test

Selection Process:-

- TIER 1:- Online Written Test
- TIER 2:- Personal interview
- TIER 3:- Medical Test
- TIER 3:- Physical Standard Test

Tata Steel JET Syllabus Pattern 2021

Tata Steel JET Exam syllabus will be based on the following patterns.

Eligible candidates will have to appear for Written test which will consist of questions on the following:
Syllabus of Diploma program of respective branch, Mathematics (Up to Matriculation level), GK & English (All questions would be multiple choice). Those who qualify in the written test will be interviewed by a duly constituted selection committee.
On successful completion of training, the selected candidates will be placed at an appropriate level and will be placed at any location of Tata Steel USIL Ltd.

Exam Mode

- Online Written Exam

Question Type

- MCQ (Multiple Choice Options)

Tata JET Subjects

- Diploma Domain Specific
    - Electrical Engineering
    - Civil Engineering
    - Mechanical Engineering
- GK
- English
- Mathematics

Total Questions: 100

1. Diploma Domain Specific: 50
2. GK: 15
3. English: 5
4. Mathematics: 30

Total Marks

- 100 or 300

Total Time

- 120 Minutes

Marking Scheme

- Correct Answer: 03 Marks or 1 Marks
- Incorrect Answer: 01 Marks or 0.25 Marks

Tata JET Exam Level

- Diploma & Matriculation Level (10th Class)

NOTE- This marking scheme is based on the previous Tata Steel JET Exam. Some changes may be made.

Tata Steel JET Syllabus 2021: TIER 1 Question Division

Division of Question Paper in Weightage %

Subject	Question (%)
Domain-Specific	**50%**
General Knowledge	**15%**
English	**5%**
Mathematics (10th Level)	**30%**

Tata Steel JET Syllabus TIER 1 Exam: Detailed Topic

Tata Steel JET Exam syllabus is designed to check the in-depth course knowledge. Most of the questions will be asked to check strength/command on the various fields. For each question around 01 minute time is given. It's done to check the reaction time in a short interval.

Subject Wise Topics:-

Domain-Specific

Domain-Specific Syllabus will contain the academic Diploma course of the following branches.

JET Civil

- Building Stones
- Bricks and Clay Products
- Lime
- Cement
- Insulating Materials
- Building Material (Other Topics)
- Engineering Drawing
- Strength of Materials
- Hydraulics
- Public Health Engineering
- Thermal Engineering
- Building Cost
- Maintenance Engineering
- Concrete Technology
- Surveying
- Design of Steel & Masonry Structure
- Transpiration Engineering
- Irrigation Engineering
- Earthquake Engineering
- Environmental Pollution and Control

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JET Mechanical

- Theory of Machine
- Machine Design
- Engineering Materials
- Strength of Materials
- Engineering Mechanics
- Engineering Drawing
- Engineering Thermodynamics
- Heat and Mass Transfer
- Hydraulics and Fluid Mechanics in ME
- Compressors, Gas Turbines and Jet Engines
- Refrigeration and Air Conditioning
- Steam Boilers, Engines, Nozzles, and Turbines
- Internal Combustion Engines (I.C. Engines)
- Power Plant Engineering
- Automobile Engineering
- Manufacturing and Production Technology
- Workshop Technology
- Industrial Engineering and Production Management

JET Electrical

Full Free Mock Test

- Analog & Digital Communications
- Analog Electronics

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- Control Systems
- Digital Electronics
- Electric Circuits
- Electrical Measurements
- Electrical Drives
- Electrical Machines
- Electromagnetic Fields
- Engineering Materials
- Engineering Mathematics
- Heating and Welding
- Illumination
- Microprocessors
- Power Electronics
- Power Systems

NOTE:- Streamwise topics are added for Mechanical/Electrical/Metallurgy/Electronics. Some topics are not included, please follow your academic syllabus for more details.

General Knowledge

- Recent Appointments
- Who is Who
- Recent records
- Current Affairs
- General Science (Upto Matric)
- India and Neighbouring Countries

- Important dates
- Basic History/Geography/Civics etc.

General English

- Voice
- Modals
- Clause Analysis
- Adjective
- Verb (Finite/Non-Finite Verbs)
- Adverb
- Preposition
- Conjunction
- Phrasal Verbs
- Idioms & Phrases
- Spotting Errors (Mixed Type)
- One Word Substitution
- Synonyms & Antonyms
- Spelling Rules
- Contradiction

Mathematics (Upto Matric Level)

- Number System
- Simple and Compound Interest
- Discount, Profit and Loss, Percentage, etc.
- Real Numbers

- Polynomials
- Pair of Linear Equations in Two Variables
- Quadratic Equations
- Function
- Surds
- Arithmetic Progressions
- Triangles
- Factors
- Coordinate Geometry
- Introduction to Trigonometry
- Some Applications of Trigonometry
- Circles
- Constructions
- Areas Related to Circles
- Surface Areas and Volumes
- Statistics
- Probability
- Mensuration
- Logarithm

Tata Steel JET Question Paper, Free Online Mock Test

Interested candidates can practice Tata Steel JET free mock test, sample question paper, model paper and some previous year paper questions from the below link.

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☛ JET Full Mock Test Electrical

☛ JET [Electrical] - [Part 1]

☛ JET Electrical [Part 2]

☛ JET [Mechanical] - [Part 1]

☛ JET Mechanical - [Part 2]

☛ GK Current Affairs

☛ JET English Synonyms

☛ JET English One word Substitution

☛ JET English Antonyms

Tata Steel JET Free Mock Test LINK

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