



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN
AND MANUFACTURING, KURNOOL

RECRUITMENT OF JUNIOR TECHNICIAN (MECHANICAL)

(Advt. No. IIITDM/Advt./2019-20/7, dated 22.11.2019)

PROVISIONAL LIST OF SHORTLISTED CANDIDATES
APPLICATION NUMBERS

| | | | |
|-------------|-------------|-------------|-------------|
| 1908JTM0003 | 1908JTM0057 | 1908JTM0089 | 1908JTM0119 |
| 1908JTM0004 | 1908JTM0059 | 1908JTM0091 | 1908JTM0120 |
| 1908JTM0006 | 1908JTM0061 | 1908JTM0092 | 1908JTM0124 |
| 1908JTM0007 | 1908JTM0062 | 1908JTM0095 | 1908JTM0125 |
| 1908JTM0009 | 1908JTM0064 | 1908JTM0097 | 1908JTM0127 |
| 1908JTM0010 | 1908JTM0066 | 1908JTM0100 | 1908JTM0130 |
| 1908JTM0015 | 1908JTM0067 | 1908JTM0101 | 1908JTM0131 |
| 1908JTM0027 | 1908JTM0068 | 1908JTM0102 | 1908JTM0132 |
| 1908JTM0029 | 1908JTM0069 | 1908JTM0104 | 1908JTM0135 |
| 1908JTM0031 | 1908JTM0071 | 1908JTM0106 | 1908JTM0140 |
| 1908JTM0034 | 1908JTM0073 | 1908JTM0107 | 1908JTM0144 |
| 1908JTM0038 | 1908JTM0074 | 1908JTM0108 | 1908JTM0145 |
| 1908JTM0042 | 1908JTM0077 | 1908JTM0110 | 1908JTM0146 |
| 1908JTM0048 | 1908JTM0082 | 1908JTM0113 | 1908JTM0148 |
| 1908JTM0049 | 1908JTM0086 | 1908JTM0114 | 1908JTM0149 |
| 1908JTM0050 | 1908JTM0087 | 1908JTM0115 | 1908JTM0150 |
| 1908JTM0056 | | 1908JTM0117 | |

SCHEDULE FOR REPORTING, VERIFICATION & WRITTEN TEST

| Level of Exam | Date, Day and Time | Remarks |
|----------------------|---|---|
| Level 1 | 7 th March 2020 (Saturday) 08:00 AM | Reporting and Occupying the Allotted Room |
| | 7 th March 2020 (Saturday) 09:00 AM to 10:00 AM | Verification of Original Certificates along with Identity Proof |
| | 7 th March 2020 (Saturday) 10.00 AM to 12:00 Noon | Written Test |
| Level 2 | 8 th March 2020 (Sunday) 10:00 AM to 12:00 Noon | Level 2 Written test and Level 3 Skill Test only for candidates qualified in Level 1 |
| Level 3 | 8 th March 2020 (Sunday) 02:00 PM onwards | |

Scheme of Examination

Levels of Exams:

Level 1:

All the shortlisted candidates shall be called for the Aptitude Test carrying maximum of 100 Marks (Objective type). Maximum duration of exam is 2 hours.

Level 2:

It is the subject knowledge Test designed to test the candidate's suitability in the concerned areas like Safety, Engineering Drawing, Materials, Process and machineries & Tools. The questions will be objective/descriptive type carrying maximum of 100 marks. Maximum duration of exam is 2 hours.

Level 3:

It is the skill Test to assess candidate skill/practical knowledge. This test carries maximum of 100 marks.

Weightage of Exams

Level 1:

Candidates securing the minimum qualifying marks shall be shortlisted for further evaluation process scheduled on the next day. In case of SC/ST candidates, the minimum qualifying marks is relaxable at the extant of rules of Government of India. The

marks secured in the screening test shall not be taken into account for preparation of final selection list.

Level 2 & Level 3:

Level 2 and Level 3 are of qualifying nature and merit list will be prepared based on the following allocation of weightage.

Level 2: 60% and Level 3: 40%

In case of tie, suitable criteria decided by duly constituted Selection Committee are final.

Note:

Success in the examination confers no right on the candidate for appointment.

Syllabus of Examination

Level 1:

Aptitude: Averages, Number Systems, Profit and Loss, Time and Work, Problems on Trains, Compound Interest, Decimal Fractions, Calendar, Area, Problems on Numbers, Square Root and Cube Root, Boats and Streams, Probability, Interest, Percentage, Ratio, Time and Distance, Problems on Ages, Partnership, Clock, Simplifications, Volume and Surface, Problems on H.C.F And L.C.M, Logarithm, Chain Rule, Pipes and Cistern, Odd Man Out and Series, Height and Distance.

Reasoning: Number Series Compilation, Missing Number Finding, Continuous Pattern Series, Direction Sense Test, Puzzle, Verbal Classification, Matching Definitions, Logical Deduction, Series Compilations, Classification, Missing Character Finding, Odd Man Out, Blood Relations, Analogy, Coding And Decoding, Truth Verification of The Statement, Syllogisms, Analogies, Verbal Reasoning, Statement And Conclusions, Letter And Symbol Series, Logical Problems, Logical Sequence Of Words, Arithmetic Reasoning, Data Sufficiency and Numerical Ability.

General English: Antonyms, Synonyms, Spelling Check, Change of Voice, Spotting Errors, Sentence Improvement, One Word Substitute, Selecting Words, Sentence Corrections, Idioms and Phrases, Communication Skills, Common Error Detection, Sentence Compilation, Ordering of Words, Ordering of Sentences, Verbal Analogies, Sentence Formation, Completing Statements, Change of Speech.

Data Interpretation: Pie Chart, Bar Chart, Line Chart, Table Chart and their interpretations.

General Knowledge: Indian History, Indian Economy, Indian Culture, Environmental Science, Awards And Honors, Famous Places In India, World Organization, Sports, Books And Authors, Famous Personalities, Days And Years, World Geography, Basic General Knowledge, Physics, Biology, Indian Politics, Indian Geography, General Science, Chemistry, Technology, Inventions, Current Affairs.

Computer Fundamentals: Components of computer, Input and output devices, Operating Systems, Word processing software, data representations and conversions.

Level 2:

Safety: Concepts of Safe working practices, environment regulation and housekeeping.

Engineering Drawing: Principles of dimensioning, symbols, application the first angle and third angle projection, geometrical construction of shapes, orthographic projection, sectioning.

Materials: Properties of engineering materials, Iron and Steel, non-ferrous metals and alloys, heat treatment, stress-strain diagrams for engineering materials. Fluids and fluid properties.

Process and machineries: Hand tools and measurement tools, Different types of castings, design of patterns, moulds and cores; solidification and cooling. Fundamentals of hot and cold working processes; forging, rolling, extrusion, drawing and sheet metal forming processes. Principles of welding, brazing and soldering. Constructional features, Specifications, types, working principles and mechanism in lathe, drilling machine, milling machine, boring machines, shapers, gear hobbing. Working principle of welding, perform Arc & Gas welding and brazing operation.

Tools: Basic machine tools; single and multi-point cutting tools, tool geometry and materials, tool life and wear; principles of non-traditional machining processes; principles of jigs and fixtures.

Level 3:

- ❖ Lathe, milling, drilling, tapping and grinding operations
- ❖ Tooling operations
- ❖ Metal joining equipment and operations
- ❖ Measuring tools
- ❖ Piping and plumbing, sheet metal works

** All shortlisted candidates will be received communication to their registered e-mail shortly with regard to admit card and other instructions, if any.*

** Queries will be answered only through e-mail (recruitment@iiitk.ac.in).*
