Syllabus of Written Examination for the position of Junior Technical Superintendent (against lien vacancy)

(This syllabus is intended to serve as a general guideline for preparation. It is not exhaustive, and additional topics or domains may be included by the Institute as required.)

Stage I- Written Examination

Subject (All questions will be objective type with no negative Marking)		Maximum Marks	Time Duration
Part-A	English Language- Comprehension, Grammar, Sentence correction, One words, Antonyms, Synonyms, Idioms and Phrases, Clauses, Articles, Prepositions etc.	40	Total 2 Hours (120 Minutes)
	Mathematics & Numerical Ability: Arithmetic - upto 10th Standard. Numerical Computation, Numerical Reasoning, Data Reasoning and Data Interpretation etc.		
	Reasoning Ability: Number series, Letter series, Coding decoding, Direction sense, Blood relations, Mathematical reasoning, Statements and Conclusions, Logical Reasoning etc.		
	General Awareness and Current Affairs: Current Affairs, Government Schemes. Economics, Geography, Indian History, Indian Polity, Indian Constitution.		
Part-B	Domain Knowledge: • Basics of Web: Internet and World Wide Web, HTTP Servers, HTTP Sessions, SSL Certificates, HTTP and HTTPS Protocols, Web Browsers, URL, HTTP Error Codes. • Front End Technologies: HTML5, JavaScript, jQuery and TypeScript, Ajax, CSS. • Back-end Technologies: PHP, JSP, REST API, JSON, Node.js, NPM. • Programming Languages: Python, PHP, React.js • Library and Framework: CodeIgniter, Laravel, MERN • Database: Knowledge of SQL Query and of MySQL, PostgreSQL DB • Platforms and Servers: Apache, Nginx, Linux Hosting • Server Admin: Basics of Linux Server Administration, Working with Virtual • Machines	60	
Total		100	-

Stage II - Skill & Job Suitability Test

Sl. No.	Name of Test	Maximum Marks
1.	Lab Activity	50
2.	Job Suitability Test	50

Note: -

1. Only those applicants who score the minimum cut-off marks in the written examination, as may be decided by IIT Indore at its discretion, will be called for the Lab Activity & Job Suitability Test.
2. In Stage II, lab activity will be conducted first, and only those applicants who score the minimum qualifying marks in the lab activity will be assessed in the Job Suitability Test.