MP Vyapam Sub Engineer Syllabus 2024

A thorough comprehension of the syllabus enables applicants to identify significant topics and their weightage. This post offers the full MP Vyapam Sub Engineer Syllabus 2024 to help candidates prepare for the forthcoming test and earn the highest mark possible. The Madhya Pradesh Sub Engineer Examination is held by MPESB to select the most qualified candidates for Group 3 (Sub Engineer) positions. The MP Sub Engineer Syllabus 2024 consists of 200 questions from specific disciplines and general aptitude areas. A detailed subject-wise MPPEB Sub Engineer Syllabus 2024 is provided below:

MP Vyapam Sub Engineer Part A (Non Technical) Syllabus

Part A has 100 questions from the following subjects: General English, General Hindi, General Science, General Knowledge/Awareness, Computer Knowledge, Mathematics, and Reasoning Ability. The topic-specific MP Sub Engineer Syllabus for the Non-Technical Section is listed below:

Subject	Topic
General English covered in MP Vyapam Sub Engineer Syllabus	Grammar
	Error Detection
	Vocabulary
	Synonyms and Antonyms
	Idioms and Phrases
	Fill In the Blanks
	Cloze Test
	One Word Substitution
	Reading Comprehension
General Hindi covered in MP Vyapam Sub Engineer Syllabus	Vocabulary
	Grammar
	Sentence Formation

	Preposition
	Tense
	Synonyms
	Antonyms
	Idioms and Phrases
	Comprehension Passages
General Science covered in MP Vyapam Sub Engineer Syllabus	Physics
	Chemistry
	Biology
	Discoveries and Inventions
	Technologies
General Knowledge/Awareness covered in MP Vyapam Sub Engineer Syllabus	History of India and World
	Geography – India and World
	Polity & Indian Constitution
	Indian Freedom Struggle
	Cultural Heritage
	Countries, Capitals and Currencies
	Important Books and Authors
	Economy

	Prominent Personalities
	Science and Technology
	Current Affairs
	Sports
	Government Schemes
Computer Knowledge covered in MP Vyapam Sub Engineer Syllabus	Basic Concepts related to computer
	MS Word
	MS Office
	MS PowerPoint
	MS Excel
	Windows
	Internet Network
	Operating Systems
	Computer Software
	Computer Hardware
General Mathematics covered in MP Vyapam Sub Engineer Syllabus	Number System
	Average
	Simplification
	Percentages

	Time and Work
	Decimal and Fractions
	Age Based Problems
	Ratio and Proportion
	Profit and Loss
	Time, Speed and Distance
	HCF & LCM
	Simple & Compound Interest
	Partnership
	Mixtures & Allegations
	Data Sufficiency
	Trigonometry
	Basic Algebra
	Data Interpretation, etc.
Reasoning Ability covered in MP Vyapam Sub Engineer Syllabus	Coding-Decoding
	Series
	Blood Relation
	Seating Arrangement
	Decision Making

	Data Sufficiency
	Inequalities
	Ranking and Order
	Arithmetic Reasoning
	Calendar and Clock
	Non Verbal Reasoning

MP Vyapam Sub Engineer Part B (Technical) Syllabus

The MP Sub Engineer Part B Syllabus contains subjects from the technical disciplines chosen by the candidates. This section describes the subject-wise MP Sub Engineer Technical Syllabus for Civil, Mechanical, Electrical, and Computer Engineering.

Discipline	Topics
Civil Engineering covered in MP Vyapam Sub Engineer Syllabus	Building Materials
	Solid Mechanics
	Strength of Materials
	Design of Steel Structures
	Concrete & Masonry Structures design
	Construction Planning & Management
	Fluid Mechanics
	Open Channel Flow
	Pipe Flow
	Hydraulic Machines and Hydro Power

	Hydrology
	Water Resource Engineering
	Surveying
	Solid Waste Management
	Environmental Engineering
	Transportation Engineering
Electrical Engineering covered in MP Vyapam Sub Engineer Syllabus	Electromagnetic Theory
	Electrical Measurement and Instrumentation
	Electronics Devices
	Electrical Machines
	Analog and Digital Electronics
	Control Systems
	Power System Protection
	Network Theory
	Power Electronics & Drives
	Power Systems
	Utilization of Electrical Energy
	Ways to Conserve the Electricity
Mechanical Engineering covered in MP Vyapam Sub Engineer Syllabus	Engineering Mechanics and Design Applications

	Mechanics of Solids
	Thermodynamics
	Theory of Machines
	Fluid Mechanics and Thermal Sciences
	Heat and Mass transfer
	IC Engines
	Vibrations
	Machine Design
	Production Engineering
	Engineering Materials
	Manufacturing Processes
	Machining and Machine Tool Operations
Computer Science & Engineering covered in MP Vyapam Sub Engineer Syllabus	Algorithms
	Database Management System
	Operating Systems
	Computer Organization
	Computer Networks
	Cyber Security
	Artificial Intelligence

	Software Engineering
	Programming Languages