

## MP Vyapam Sub Engineer Exam Pattern Pdf

Parts	Nature of the Exam	Name of the Subjects	Total Marks	Exam Duration
A	Multiple Choice Questions	General Knowledge	100	3 hours (180 min)
		General Reasoning Ability		
		The General Hindi		
		General Science		
		General English		
		Computer Knowledge		
		General Math		
B		Related Topics	100	
<b>Total</b>			<b>200</b>	

### MP Vyapam Sub Engineer Syllabus- General English

- Fill in the Blanks
- Idioms and Phrases
- Synonyms
- Antonyms
- Transformation of Sentences
- Comprehension
- One Word Substitution
- Vocabulary

## General Knowledge

- Also Indian Constitution
- Madhya Pradesh Geography
- Indian Geography
- Environmental Issues
- Indian Economy

## General Mathematics

- Discount
- Mensuration
- Mixtures & Allegations
- Profit and Loss
- Time and Work
- Problems on Ages
- Averages

## Hindi

- Synonyms
- Vocabulary
- Tenses
- One Word Substitution
- Antonyms
- Active & Passive Voice
- Idioms & Phrases

## MP Vyapam Sub Engineer Civil Syllabus

- Design of Concrete & Masonry Structures
- Pipe Flow
- Solid Waste Management
- Fluid Mechanics
- Building Materials
- Open Channel Flow
- Hydraulic Machines & Hydro Power
- Design of Steel Structures
- Hydrology

## **Electrical Syllabus**

- Switch Gear and Protection
- Control Systems
- Electromagnetic Theory
- Electronics Devices
- The Power System Analysis & Control
- Power System Protection
- Electrical Instrumentation

## **Mechanical Syllabus**

- Theory of Machines
- Foundry, Welding, and Forging
- The Strength of Materials
- Vibrations
- Thermodynamics
- Turbo Machines
- Heat Transfer

## **Sub Engineer Electronics Syllabus**

- Transducers, Mechanical Measurement and Industrial Instrumentation
- Signals, Systems, and Communications
- Control Systems and Process Control
- Digital Electronics
- Analog Electronics
- Electrical and Electronic Measurements

## **General Science Topics**

- Chemistry
- Physics
- Environment issues
- Biology

## **Computer Knowledge**

- MS PowerPoint
- Also Excel
- MS Word
- Shortcut keys
- Internet & Networks
- Operating System Concepts

- Computer Hardware

### **General Logical Abilities**

- Statement and Conclusions
- Theme Detection
- Arithmetical Reasoning
- Deriving Passages Conclusions
- The ranking, Number and Time Sequence
- Analogy
- Classification
- Clocks and Calendars
- Mathematical Operations
- Eligibility Test
- Puzzle Test
- Logical Venn Diagrams

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