

**SPMCIL Assistant Engineer Syllabus - Download & Check SPMCIL
AM Syllabus, Exam Pattern**

SPMCIL Assistant Engineer Exam Pattern

S. No	Name of the Test	No. of Qs	Max. Marks	Version	Time
01	Professional Knowledge	60	90	Hindi & English Language Except for English Language Section	Composite time of 120 Minutes
02	General Awareness	15	15		
03	English Language	15	15		
04	Logical Reasoning	15	15		
05	Quantitative Aptitude	15	15		
Total		120	150		

**Security Printing and Minting Corporation Of India Limited Syllabus AM:
Topic Wise**

General Awareness

- Indian Economy.
- Indian Geography.
- History – India & World.
- Indian Polity.
- Indian Constitution.
- Environmental Issues etc.
- Science & Technology.
- Current Affairs – National & International.

English

- Articles
- Idioms & Phrases
- Error Correction
- Comprehension
- Unseen Passages
- Verb
- Sentence Rearrangement
- Antonyms etc

- Subject-Verb Agreement
- Adverb
- Synonyms
- Vocabulary
- Tenses
- Fill in the Blanks
- Grammar

Reasoning

- Direction Sense Test
- Classification
- Alpha-Numeric Sequence Puzzle
- Situation Reaction Test
- Forming figures and analysis
- Puzzle Test
- Data Sufficiency
- Assertion and Reasoning
- Analogy
- Series Completion
- Blood Relations
- Spotting embedded figures
- Arithmetical Reasoning
- Coding-Decoding
- Classification
- Rules Detection
- Directions
- Test on Alphabets
- Missing Characters
- Identical figure groupings
- Completion Incomplete Pattern
- Sequential Output training
- Word Sequence
- Water Images

Quantitative Aptitude

- Volume and Surface Area
- Surds and Indices
- Simplification
- Ratio and Proportion
- Simple Interest
- Pipes and Cistern
- Races and Games
- Stocks and Share
- Numbers

- Problems on H.C.F and L.C.M
- Banker's Discount
- Time and Distance
- Boats and Streams
- Allegation or Mixture
- Probability
- Average
- Time and Work
- Square Root and Cube Root
- Problems on Ages
- Chain Rule
- Logarithm
- Area
- Partnership
- Height and Distance
- Decimal Fraction
- Permutation and Combination
- Compound Interest

Professional Knowledge Topics

Mechanical

- Engineering mechanics and strength of materials
- Machine Design
- Hydraulics Machinery
- Industrial Engineering, and management
- Engineering Materials
- Thermal Engineering
- Manufacturing technology
- Hydraulics

Electrical

- Battery.
- Control System.
- Electronic Devices
- Electro-Magnetic Circuit.
- Electrical Machines.
- Power System.
- Electric Materials.
- Electrical Machines.
- Digital Fundamentals.
- Microprocessor And Its Applications.
- Electrical Circuits (AC & DC Circuits).
- Electric Measurement & Measuring Instruments.

- Protective Devices.
- Electronic Devices And Circuits.
- Sub-Station.

Electronics

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

Chemical

- Plant Design and Economics.
- Chemical Technology.
- Process Calculations and Thermodynamics.
- Mass Transfer.
- Chemical Reaction Engineering.
- Fluid Mechanics and Mechanical Operations.
- Instrumentation and Process Control.
- Heat Transfer.

Law

- Indian Contract Act
- Law of Torts
- Delhi Rent Control
- Muslim Law
- Law of Registration
- Civil Procedure Code
- Law of Evidence
- Indian Sale Goods Act
- Law of Limitation
- Indian Partnership Act
- Hindu Law
- Specific Relief Act