

MPPGCL Junior Engineer Syllabus 2019 || Check MPPGCL JE & Accounts Officer Exam Pattern @ mppgcl.mp.gov.in

MPPGCL Junior Engineer Exam Pattern:

S. No	Examination Type	Subject Names	Weightage
1.	Multiple Choice Question	Relevant Subjects	70%
2.		General Aptitude	30%
Total			100%

MPPGCL Junior Engineer Syllabus 2019:

General Aptitude

- Averages.
- Profit & Loss.
- Simple and Compound Interest.
- A problem on Ages.
- Time & Distance.
- Partnership.
- Ratio & Proportion.
- Probability.
- Number Series.
- Simplification / Approximation.
- Pipes & Cisterns.
- Quadratic Equations.
- Average.
- Mensuration.
- Data Interpretation.
- Mixture & Allegation.
- Percentages.
- Time & Work.

Mechanical Engineering

- Production Engineering.
- Theory of Machines.
- Hydraulic Machines.
- Production Management
- The Strength of Materials.
- Thermodynamics.
- Industrial Engineering.
- Fluid Mechanics.
- Machine Design.
- Engineering Mechanics.
- Kinematics

- Vibrations.
- Dynamics.
- IC Engines.
- Refrigeration & Air Conditioning
- Mechanics of Materials.
- Heat-Transfer.

Electrical Engineering

- Electronics Devices.
- Power Electronics & Drives.
- Analog and Digital Electronics.
- Network Analysis.
- Utilization of Electrical Energy.
- Power Systems
- Electromagnetic Theory.
- Electrical Instrumentation.
- Power System Protection.
- Control Systems.
- Switch Gear and Protection
- Electrical Machines
- Power System Analysis & Control.

Electronics Engineering:

- Analog Communications.
- Measurement & Instrumentation.
- Power Electronics & Drives.
- Circuit Theory/ Digital Electronics.
- Industrial Electronics.
- Analog Electronics.
- Digital Communications.
- Microprocessors & Microcontrollers.
- Computer Hardware.
- Basic Electronics/ Power Electronics.
- Advanced Communications.