

**MPPKVCL Assistant Engineer Syllabus || Download MPEZ AE Exam
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MPKVCL Assistant Engineer Exam Pattern

S.no	Topics	No of Questions	No of Marks
1.	Technical Subjects	75	225
2.	General Awareness/Aptitude	25	75
3.	Total	100	300

MPKVCL AE Syllabus

Electronics Engineering

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

Electrical Engineering

- AC Fundamentals.
- Utilization of Electrical Energy.
- Power Systems.
- Power Electronics & Drives.
- Network Theory.
- Electrical Machines.
- Basic Electrical Engineering Concepts.
- Analog and Digital Electronics.

- Magnetic Circuit.
- Estimation and costing.
- Measurement and measuring instruments.
- Basic Electronics etc.
- Electric heating.
- Resistance Heating.
- Induction heating.
- Dielectric heating.
- Electric traction.
- Lighting calculations

Reasoning

- Discrimination
- Judgment
- Visual Memory
- Observation
- Coding & Decoding
- Similarities & Differences
- Statement Conclusion
- Verbal and Figure Classification
- Problem Solving
- Analysis
- Decision Making
- Arithmetic Reasoning
- Nonverbal series
- Syllogistic reasoning
- Analogies
- Relationship Concepts
- Decision Making
- Spatial Visualization
- Embedded Figures, etc.

General Aptitude

- Decimals and Fractions.
- Computation of Whole Numbers.
- Relationships between numbers.
- Averages.
- Ration & Proportion.

- Percentages.
- Square Roots.
- Profit and Loss.
- Interest.
- Mixture and Alligation.
- Discount.
- Partnership Business.
- Time & Work.
- Time and distance

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