

BMRCL Exam Pattern Post Wise

BMRCL Maintainer Exam Pattern

- No Negative Marking

S.NO	Subject Wise List	Questions
1.	Gen Knowledge	10
2.	SSLC Mathematics	10
3.	Electrical	20
4.	Mechanical	15
5.	Electronics	20
6	Civil/ Carpentry	15
7	Computer Science	10
	Total	100

BMRCL JE Exam Pattern (Systems)

- No Negative Marking

S.NO	Subjects	No Of Questions
1.	Gen Knowledge	10
2.	Electrical	35
3.	Electronics/ Communication	35
5.	IT /Comp Sc	10

6.	Mechanical	10
	Total	100

BMRCL JE Exam Pattern (Civil)

- No Negative Marking

S.NO	Subjects	No Of Questions
1.	Gen Knowledge	10
2.	Civil	90
	Total	100

Bangalore Metro Section Engineers (Systems) Exam Pattern

- No Negative Marking

S.NO	Subject Name	Questions
1.	General Knowledge	25
2.	IT/Computer Science	15
3.	E&C	15
4.	Mechanical	15
5.	Electrical	15
	Total	100

BMRCL Section Engineer Exam Pattern (Civil)

- No Negative Marking

S.NO	Subjects	No Of Questions
1.	Gen Knowledge	10
2.	Civil	90
	Total	100

BMRCL Syllabus For Maintainer, JE & Section Engineer POsts

Section Engineer Electrical Syllabus

- Magnetic Circuit.
- Analog and Digital Electronics.
- Power Systems.
- Electrical Machines.
- Basic Electronics etc.
- Network Theory.
- Basic Electrical Engineering Concepts.
- Utilisation of Electrical Energy.
- Power Electronics & Drives.
- AC Fundamentals.
- Measurement and measuring instruments.
- Estimation and costing.

Electrical & Electronics Syllabus

- Basics of Circuits and Measurement Systems.
- Control Systems and Process Control.

- Digital Electronics.
- Analog Electronics.
- Analytical, Optical Instrumentation.
- Signals, Systems, and Communications.
- Transducers, Mechanical Measurement and Industrial Instrumentation.
- Electrical and Electronic Measurements.

BMRCL Mechanical Syllabus

- Theory Of Machines.
- Heat Transfer.
- Thermodynamics.
- Fluid Machinery & Steam Generators.
- Engineering Materials.Fluid Mechanics.
- Industrial Engineering etc.
- Machine Design.
- Refrigeration & Air Conditioning.
- The Strength of Materials.

Computer Science Syllabus

- .Digital Logic.
- Algorithms.
- Information Systems & Software Engineering.
- Computer Networks.
- Computer Organization and Architecture.
- Databases etc.
- Programming and Data Structures
- Operating System.
- Web technologies.
- Theory of Computation.
- Compiler Design.

Civil Syllabus

- .Engineering Mechanics.
- Geomatics Engineering.
- Hydrology.
- Construction Materials and Management.
- Environmental Engineering.
- Water Resources Engineering.

- Surveying.
- Geotechnical Engineering.
- Solid Mechanics.
- Irrigation.
- Foundation Engineering.
- Concrete Structures.
- Structural Analysis.
- Steel Structures.
- Transportation Engineering
- Fluid Mechanics.
- Hydraulics.

BMRCL Numerical Aptitude

- Profit and Loss.
- Boats & Streams
- Time & Distance.
- Simplification
- Problems on Ages.
- Time & Work.
- Data Interpretation etc.
- .Pipes & Cisterns.
- Interest.
- Averages.
- Percentages.

BMRCL JE Syllabus:

- Improvement.
- Shuffling of sentence parts.
- Shuffling of Sentences in a passage.
- Cloze passage.
- Comprehension passage.
- One word substitutions
- Detecting Mis-spelt words.
- Fill in the blanks.
- Antonyms.
- Spellings.
- Synonyms/ Homonyms.
- Idioms and phrases.

- .Spot the error.

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