

BMC Sub Engineer Selection Process

Candidates who are applying for the Sub Engineer Post need to go through the following selection process-

- Written Test.
- Interview.

BMC Sub Engineer Syllabus 2020 Details

Name of the Organisation	Municipal Corporation Greater Mumbai (MCGM)
Post Names	Sub Engineer (SE)
Category	Syllabus
Official site	portal.mcgm.gov.in

BMC Sub Engineer Exam Pattern 2020

S. No.	Subjects	Total Marks
1.	Logical Reasoning	20
2.	General Knowledge	20
3.	Technical	60
Total		100

Here is the detailed BMC MCGM Sub Engineer Syllabus 2020. Hence, applied aspirants can refer to those before they start their preparation.

BMC Assistant Engineer Syllabus 2020 – Civil Engineering

- Building Construction & Materials
- Strength of materials
- Theory of structures
- Steel structures
- Design of reinforced concrete structures (Working stress and limit state)
- Construction Planning and Management
- Surveying
- Estimating, costing and Valuation
- Geotechnical Engineering
- Bridge Engineering
- Highway Engineering
- Environmental Engineering

Syllabus for BMC Sub Engineer 2020 – Electrical Engineering

- Basics of Mechanical Engineering
- Theory of Machines
- Machine Design Concepts
- Strength of material
- Fluid Mechanics
- IC engines
- Parts of Vehicles

- Electrical power transmission & distribution
- Cables and wires
- Principles of Digital Instruments
- Firefighting apparatus and systems etc.

BMC Sub Engineer Technical Syllabus Pdf 2020

- Regional Plan (R.P) Need of contents of Regional Plan
Plan Surveys necessary for Regional Plan
Design & planning (Architectural) principle of
planning Building Construction (Architectural
point of view) planing
- Town Planning Scheme Concept of T.P.S Relation
with D.P. Original Plot, Final Plot, Semi-final Plot
Function of Arbitrator Cost of Scheme
- Development Plan (D.P.) Surveys, types,
duration etc. Implementation and Financial
Aspects.
- Building Permission a) Building bye-laws b)
Development c) Document Required for
development permission d) Measurement Plan
e) Layout of Land f) F.S.I, TDR g) Development
charge
- Environment Aspects Environment Protection
Acts. Surveys
- Transportation Surveys Classification of Roads
Public transport needs Requirement of civil
aviation and Railways