

# **BMC SYLLABUS 2019 - JUNIOR ENGINEER EXAMINATION**

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## **BMC Syllabus 2019 - Junior Engineer Examination**

National Dance  
Music & Literature  
Indian Culture  
Important Dates  
About India and it's neighboring countries  
Science and innovations  
New inventions  
Economic problems in India  
Geography of India  
National and International current affairs  
Scientific observations  
Political Science  
World organizations  
Countries and Capitals  
Famous Places in India  
Books and Authors

## **General Intelligence - MCGM Junior Engineer Syllabus**

Number Ranking  
Figurative Classification  
Classification  
Blood Relations  
Arrangements  
Arithmetical Reasoning  
Mathematical Operations  
Venn diagrams  
Number Series  
Figural Pattern  
Cubes and Dice  
Analogies  
Non-Verbal Series  
Coding-Decoding  
Logical Venn Diagrams

Directions

Number, Ranking & Time Sequence

## **MCGM Junior Engineer Syllabus - Civil Engineering**

Quantity Estimation

Recruitment.Guru

Building Code

Town Planning

GIS

Structural Analysis

Soil Mechanics

Building Planning

Valuation

Hydraulic Structure

Professional practice

Transportation Engineer 1 & 2 (Road)

## **BMC JE Mechanical Engineering Syllabus**

Engineering Mechanics

Energy conservation

Engineering Materials

The Strength of Materials

Management Information System

Thermodynamics

Meteorology and Inspection

Product Design and Development

Fluid Machines

Heat Transfer

Fluid Mechanics

Theory of Machines

Operations Research

Machine Design

Industry Safety

Inventory Control

Machining and Machine Tool Operations

Metal Casting

Production Planning and Control

Computer Integrated Manufacturing Design

Inventory Control

## **MCGM BMC Junior Engineer Syllabus - Electrical Engineering**

Non-conventional Energy sources like Wind, Solar, Biomass

Measurement of Electrical Power

Low Voltage constraint & resolving thereof

Analysis of Dist Transformers, Meters & Testing

Engineering topics

Switchgear & protection (MC/LV) & LT Switchgear design and testing

Distribution HT/LT Line parameters

Performance of line fault analysis

Present Power Sector scenario in India and others Electrical

Power Engineering

Distribution Network Installation & load studies

Functions of capacitors & reactors