

**Mumbai Metropolitan Region Development Authority
BKC, Bandra**

Assistant Engineer Grade-1 (Track)

-: syllabus -:

- General Knowledge.
- Theory of structures.
- Strength of materials.
- Computer aided analysis and design of structures.
- Steel structures.
- Structural Analysis.
- Construction Planning and Management.
- Design of Reinforced concrete Structures (WSM and Limit state)
- Bridge Engineering.
- Concrete Technology.
- Prestressed concrete.
- Geotechnical Engineering.
- Surveying.
- Engineering Materials.
- Building Planning and Construction.
- Fluid Mechanics.
- Irrigation Engineering.
- Highway Engineering.
- Tunnel Engineering.
- Estimating Costing and valuation.
- Engineering Hydrology.
- Environmental Engineering.
- Metro Rail.
- Contracts Management.
- MRTP Act.
- Railway Engineering
- Ballasted and Ballastless Track

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