

Maharashtra PWD JE Syllabus 2019 || Check MAHA PWD Junior Engineer Exam Pattern @ www.mahapwd.com

Maharashtra PWD JE Exam Pattern:

S. No	Topic names	Exam Duration
1	General Subjects	3 Hours
2	Technical Subjects	

Maharashtra PWD Junior Engineer Syllabus 2019:

Civil Syllabus

- Hydrology & Water Resources Engineering.
- Bridge Engineering.
- Soil Mechanics and Foundation Engineering.
- Surveying.
- Concrete Technology.
- Steel Structures.
- Hydraulic Structures.
- Civil Engineering Materials and Construction.
- Fluid Mechanics.
- Reinforced Concrete Structures.
- Transportation Engineering.
- Environmental Engineering.
- Solid Mechanics, Structural Analysis.
- Environmental Studies etc.
- Estimation, Costing, and Specifications.
- Construction and Project Management.
- PSC Structures.

Reasoning

- Embedded Figures.
- Directions.
- Clocks & Calendars.
- Data Interpretation.
- Blood Relations.
- Number Series.
- Decision Making.
- Coding-Decoding.
- Syllogism.
- Cubes and Dice.
- Statements & Conclusions.
- Analogy.
- Alphabet Series.

- Arithmetical Reasoning.
- Number Ranking.
- Statements & Arguments.
- Mirror Images.
- Non-Verbal Series.

English

- Joining Sentences.
- Substitution.
- Para Completion.
- Fill in the blanks.
- Active Voice and Passive Voice.
- Sentence Improvement.
- Error Correction (Underlined Part).
- Passage Completion.
- Antonyms.
- Prepositions.
- Synonyms.
- Spotting Errors.
- Sentence Arrangement.
- Error Correction (Phrase in Bold).
- Sentence Completion.
- Idioms and Phrases.

Aptitude

- Decimal Fraction.
- Ratio and Proportion.
- Problems on H.C.F and L.C.M.
- Compound Interest.
- Permutation and Combination.
- Banker's Discount.
- Square Root and Cube Root.
- Boats and Streams.
- Logarithm.
- Simple Interest.
- Simplification.
- Races and Games.
- Height and Distance.
- Allegation or Mixture.
- Surds and Indices.
- Average.
- Chain Rule.
- Volume and Surface Area.
- Stocks and Share.
- Probability.
- Pipes and Cistern.
- Numbers.
- Partnership.

- Time and Work.
- Area.
- Time and Distance.
- Problems on Ages.

General Knowledge

- Tourism.
- Biology.
- Artists.
- Famous Places in India.
- Environmental Issues.
- Indian Politics.
- Heritage.
- Rivers, Lakes, and Seas.
- Geography.
- Inventions and Discoveries.
- Indian Economy.
- Civics.
- Famous Books & Authors.
- Indian History.
- Literature.
- General Science.
- Sports.
- Famous Days & Dates.
- Countries and Capitals.
- Current Affairs.
- Indian Parliament.

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