

Punjab Public Service Commission



PPSC JE Exam Pattern

Subject Name	Maximum Questions	Total Marks
Technical Subjects	100	250
Reasoning, Mental ability, and General Knowledge	50	50
Total		300

PPSC Junior Engineer Syllabus

Reasoning

- Data Interpretation
- Data Sufficiency
- Non-Verbal Reasoning
- Verbal Reasoning
- Logical Reasoning
- Analytical Reasoning
- Number Series
- Essential Part
- Puzzles
- Letter and Symbol Series
- Verbal Classification
- Statement and Argument
- Logical Deduction
- Analogies
- Artificial Language
- Matching Definitions
- Statement and Conclusion

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- Theme Detection
- Cause and Effect
- Making Judgments
- Logical Problems

Mental Ability

- Nonverbal Reasoning
- Visual Ability
- Blood Relations
- Number Series
- Statements
- Analogies
- Symmetry
- Symbols and Notations
- Analytical Reasoning
- Arrangements
- Similarities and Differences
- Syllogisms
- Alphabet Series
- Coding-Decoding
- Data Sufficiency
- Directions
- Classification

General Knowledge

- Indian Culture
- Overview of the Indian Financial System
- History of the Indian banking system
- Recent credit and monetary policies
- Sports
- Indian History
- Famous Days & Dates
- Indian Politics
- Indian Parliament
- Awards & Honours
- Geography
- Current affairs related to national and international issues of the last 6 months

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- Environment
- Indian Economy
- Inventions in the World
- Basic Computer
- Famous Books & Authors
- Basic GK
- Books & Authors

Civil

- Engineering Drawing
- Applied Mechanics
- Fluid Mechanics
- Surveying
- Construction Materials and Building Construction
- Structural Engineering
- Earthquake Resistant and Building Construction
- Water Supply and Wastewater Engineering
- Soil and Foundation Engineering
- <https://www.freshersnow.com/syllabus/>
- Transportation Engineering
- Irrigation Engineering
- Environmental Engineering
- Quantity Surveying and Valuation
- repair and Maintenance of Building
- Construction Management and Accounts
- Basics of Management

Electronic

- Elements of Electrical and Electronics Engineering
- Electrical Circuits and Machines
- Elements of Mechanical Engineering
- Manufacturing Processes
- Engineering Materials
- Measurement and Measuring Instruments
- Basics of Management

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Mechanical

- Engineering Mechanics
- Energy conservation
- Engineering Materials
- The Strength of Materials
- Management Information System
- Machining and Machine Tool Operations
- 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