

PSSSB JE Exam Pattern

Section	No of Questions	No of Marks	Duration
Questions from the Subject	90	90	02 Hours
Questions from General Knowledge, English, Punjabi, Logical Reasoning and Mental Ability	30	30	02 Hours
Total	120 Questions	120 Marks	02 Hours

PSSSB Jr Engineer Syllabus - Topic Wise

Electrical Syllabus

- Basics of Communication
- Electrical Machines
- Electrical Circuits
- Control Systems
- Basics of Electrical Engineering
- Measurements and Measuring Instruments
- Network Analysis

Civil Syllabus

- Transportation Engineering
- Building Materials
- Estimation and Costing
- Surveying
- Fluid Mechanics
- Soil Mechanics
- Strength of Materials
- Theory of Structures
- Environmental Engineering
- Hydrology

General Knowledge

- Environment issues
- Science and Technology
- Economic issues
- Sports
- Political issues
- History of India with special reference to the Indian Freedom Struggle movement
- History of Punjab-14th century onwards
- Cinema and Literature.

- Current Affairs

English

- Idioms and their meanings
- Spell Checks
- Articles
- Prepositions
- Subject and Verb
- Basic Grammar
- Fill in the Blanks
- Correction in Sentences
- Adjectives and Adverbs
- Synonyms
- Antonyms
- One Word Substitution
- Direct and Indirect Speech
- Active and Passive Voice
- Correction in Sentences, etc.

Reasoning

- Coding-Decoding
- Series
- Classification
- Mathematical operations
- Direction sense test
- Relations
- Non Verbal Reasoning: Series, Analogy, and Classification
- Analogy
- Odd one out

Mental Ability

- Number series
- Profit & Loss
- Partnership and Mixture
- Simple and Compound Interest
- Work and Time
- Time and Distance
- Basic numerical skills
- Percentage
- Number system
- Average
- Problems based on ages
- LCM and HCF

- Ratio and Proportion
- Mensuration and Data Interpretation

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