Gujarat Subordinate Services Selection Board

General Studies - Gujarat SSSB Supervisor Instructor Syllabus

- History Of Gujarat
- Background and culture of Gujarat
- The world's largest sport
- Sport
- General competition
- Current Trends
- Computing
- Common Generation
- Test of Reasoning
- Environment
- Public Administration
- Government Schemes
- Panchayat Raj
- Designer Management

Gujarat Mathematics Syllabus Topics

- Statistics
- Differentiation
- Introduction to Three Dimensional Geometry
- Straight Lines
- Circles
- Relations and Functions
- Logarithms
- Exponential and Logarithmic Series
- Sets and Set Theory
- Probability Function
- Limits and Continuity
Applications of Derivatives
Indefinite Integrals Binomial Theorem
Matrices
Determinants
Definite Integrals
Complex Numbers
Quadratic Equations
Sequences and Series
Trigonometry
Cartesian System of Rectangular Coordinates
Conic Sections
Permutations and Combinations
Vectors

Gujarat Supervisor Instructor Syllabus - Reasoning

Mirror Images
Grouping Identical Figures
Figure Matrix Questions
The problem on Age Calculation
Decision Making
Inference
Analogy
NonVerbal Series
Test of Direction Sense
Number Series
Alphabet Series
Arguments
Ven Diagram
Blood Relations
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- Coding and Decoding
- Number Ranking
- Arithmetical Reasoning

Gujarati Language Syllabus Topics

- Vocabulary
- Antonyms
- Usage of the can may could should etc
- Use of some many any few a little since and for
- Active and passive voice
- A degree of adjectives
- History of Gujarati Language with special reference to New Indo-Aryan i.e. last one thousand years
- Significant features of the Gujarati language: Phonology, morphology and syntax
- Surti, Pattani, charter, and Saurashtra
- Common errors of usage etc
- English Language
- Articles
- Pronouns
- Adjectives
- Prepositions
- Conjunctions and Questioning
- Verb and Tense Agreement between subject and verb Gerund Participles
- Model auxiliaries

English Comprehension - Gujarat SSSB Supervisor Instructor Syllabus

- Narration (Direct and Indirect)
- Sentence
- Sentence Arrangement
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- Analogy
- Foreign Words and Phrases
- English Language Comprehension
- Common Errors
- One-Word Substitution
- Synonyms and Antonyms
- Idioms and Phrases
- Sentence Correction

GSSSB Supervisor Instructor Technical Subject Topics

Electrical

- Non-conventional Energy sources like Wind, Solar, Biomass
- Measurement of Electrical Power
- Present Power Sector scenario in India and others Electrical
- Power Engineering
- Distribution Network Installation & load studies
- Functions of capacitors & reactors
- 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

Mechanical

- Engineering Mechanics
- Energy conservation
- Engineering Materials
- Machine Design
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- Industry Safety
- Inventory Control
- Machining and Machine Tool Operations
- Metal Casting
- Production Planning and Control
- Computer Integrated Manufacturing Design
- Inventory Control
- 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

Instrumentation

- Basics of Circuits and Measurement Systems
- Transducers
- Mechanical Measurement
- Digital Electronics
- Signals, Systems, and Communications
- Electrical and Electronic Measurements
- Control Systems and Process Control
- Analytical, Optical and Biomedical Instrumentation
- Industrial Instrumentation
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Fabrication

- Select preheating, post-heating
- PWHT method
- Explain different methods of relieving thermal stresses
- Set different arc welding parameters
- Explain advanced welding methods and welding automation.
- various fabrication procedures.
- Ovality, shell plate orientation
- Arc length
- Identify fabrication stages for equipment to be fabricated
- Describe safety norms to be followed during fabrication activities

Automobile

- Fluid Mechanics and Machinery
- Manufacturing Methods
- Strength of Materials
- Engineering Thermodynamics
- Heat Transfer and Combustion
- Automotive Petrol Engines
- Engineering Analysis and Numerical Methods
- Automotive Design Engines

Civil

- Building Planning
- Valuation
- Hydraulic Structure
- Professional practice
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- Transportation Engineer 1 & 2 (Road)
- Quantity Estimation
- Building Code
- Town Planning
- GIS
- Structural Analysis
- Soil Mechanics

Computer

- MS Word, Microsoft OneNote
- Microsoft Access
- Introduction to Computer Science
- Boolean Algebra
- MS PowerPoint
- MS Visio and MS Excel
- Microsoft Outlook
- The Internet
- Workplace Productivity Tools
- MS Project, Microsoft Publisher
- Computer Networks
- Emerging Technologies and Web Publishing
- PC Software and Office Automation
- Database Management System
- Data Structures