

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

Gujarat Subordinate Services Selection Board

- 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

Gujarat Subordinate Services Selection Board

- 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

Gujarat Subordinate Services Selection Board

- 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

Gujarat Subordinate Services Selection Board

- 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

Gujarat Subordinate Services Selection Board

- Analog Electronics

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

Gujarat Subordinate Services Selection Board

- 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