

HQ Southern Command Group C Exam Pattern | Indian Army LDC, Tradesman Mate, Fireman Exam Pattern 2018:

S. No	Subjects
1	<i>General English</i>
2	<i>Numerical Ability</i>
3	<i>Science</i>
4	<i>General Knowledge</i>

Indian Army HQ Southern Command Tradesman Mate Syllabus 2018 | Download Southern Command Group C LDC, Fireman Syllabus Pdf

Here given the full syllabus pdf for the Group C HQ Southern Command Tradesman Mate Jobs written examination. Candidates may download the Indian Army Civilian Fireman, Safaiwala complete syllabus pdf from the below link

General Knowledge HQ Southern Command LDC Syllabus 2018 Pdf Download

- Current affairs
- Defence (Army/ Air Force/ Navy) Acronyms
- Eminent personalities
- Navy related (Ship, Ports)
- Important national facts
- Capitals & currencies
- Sports & Entertainment
- Regional geography.

General Reasoning Indian Army Southern Command Pune Group C Syllabus Download

- Basic Maths, use of logarithm, quadratic equations
- Elementary logical problems
- Surface area and volume of a pyramid, sphere, cone, cylinder
- Mathematical tables
- Average
- Percentage
- Ratio and proportion

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- Determination of area of hyperbola, ellipse, Parabola and other irregular Surfaces
- Scalars and vectors, dot, cross and triple product, vector algebra,
- Matrix algebra, calculation of inverse, Eigenvectors, Eigen values
- Elementary statistics-calculation of mean, mode, data analysis, median

General English HQ Southern Command Tradesman Mate Syllabus2018

- Questions based on passage,
- Change to passive/ active voice,
- Punctuation
- Use of adjectives, use of verbs, use of pronouns, prepositions
- Tenses,
- Substituting phrasal verbs for expression,
- One word substitution,
- Correction of sentences.

Science & Technology Indian Army Southern Command Pune Group C 2018 Syllabus pdf

- Newton's laws of motion
- Archimedes principle, density, mass, weight, gravity
- Numerical on work, power, force, friction, inclined plane, lever
- Basics of optics and laws of reflection/refraction, wave propagation
- Safety precaution & fire prevention, use of various fire extinguishers
- Propagation of sound waves, Doppler effect, ultrasonic, waves
- Laws of electricity & magnetism, numerical on current, voltage resistors, etc
- Gauss's law, oscillators, AC circuits
- Elasticity, surface tension, viscosity and escape velocity problems
- Knowledge of different precision measuring instruments and their counts
- Knowledge of mechanical engineering drawing
- Knowledge of various machinery Usage of various hand tools and its maintenance
- Working knowledge of computer & internet
- Properties of ferrous & non-ferrous material, various heat treatment, corrosion treatments & case hardening
- Knowledge of limit
- Working Principles of various types of engines (I.C.E & E.C.E)