

Indian Coast Guard Navik GD Syllabus 2025

The Indian Coast Guard has invited applications from male aspirants to fill 260 vacancies for Navik (General Duty) posts through the Coast Guard Enrolled Personnel Test (CGEPT)-02/2025 batch under the Indian Coast Guard Navik GD recruitment 2025. Candidates must be familiar with the Indian Coast Guard Navik GD Syllabus PDF, which will help them align their strategy with the actual exam requirements. The ICG Navik GD Syllabus 2025 is divided into two sections, i.e. Section I & Section II. Section I include subjects, i.e. maths, science, English, reasoning, and general knowledge, whereas Section II covers two subjects, i.e. maths and physics. Check the complete details of the Indian Coast Guard Navik GD Syllabus 2025 for all the sections below.

Indian Coast Guard Navik GD Syllabus 2025

Overview

Candidates must be familiar with the Indian Coast Guard Navik GD Syllabus & Exam Pattern 2025 to get insights into the exam format and the type of topics important from the exam perspective. Here are the key highlights of the ICG Navik GD syllabus and exam pattern shared below for the ease of candidates.

Indian Coast Guard Navik GD Syllabus 2025

Overview

Organisation	Indian Coast Guard
Post Name	Navik (General Duty)
Selection Process	<ul style="list-style-type: none">• Stage I (Computer-Based Examination)• Stage II (Assessment/Adaptability Test, Physical Fitness Test, Document Verification, and Medical Exam)• Stage III (Document Verification and Pre-enrolment Medicals at INS Chilka)• Stage–IV (Training)
Subject	Maths, Science, English, Reasoning, and General Knowledge.
Number of Questions	110
Maximum Marks	110

Official Website	joinindiancoastguard.cdac.in
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Indian Coast Guard Navik GD Syllabus 2025 for Section I

The ICG Navik GD syllabus for section I is divided into various subjects, i.e.maths, science, English, reasoning, and general knowledge. Check the detailed Indian Coast Guard Navik GD Syllabus 2025 for Section I below.

Indian Coast Guard Navik GD Syllabus 2025	
Subject	ICG Navik GD Section I Syllabus
Science	Nature of Matter, Universe (Planets / Earth / Satellites / Sun), Electricity and its application, Force and Gravitation, Newton's Laws Of Motion, Work, Energy and Power. Heat, Temperature, Metals and Non-Metals, Carbon and its Compounds, Measurements in Science, Sound & Wave Motion, Atomic Structure.
Mathematics	Mathematical Simplification, Ratio and Proportion, Algebraic Identities, Linear Equations and Polynomials, Simultaneous Equations, Basic Trigonometry. Simple

English

Mensuration, Geometry, Measures of Central Tendency (Average, Median and Mode). Interest, Profit, Loss and Percentage, Work, Time, Speed and Distance.

Passage, Preposition, Correction of sentences, Change active to passive/passive to active voice. Change direct to indirect/indirect to direct, Verbs/Tense/Non Finites, Punctuation. Substituting phrasal verbs for expression, Synonyms and Antonyms, and Meanings of difficult words. Use of adjectives and compound prepositions. Use of pronouns.

General Awareness

Geography: Soil, Rivers, Mountains, Ports, Inland, Harbours. Culture and Religion, Freedom Movement, Important National Facts about India, Heritage, Arts and Dance. History, Defence, Wars and Neighbours, Awards and Authors, Discoveries, Diseases and Nutrition. Current Affairs, Languages,

	Capitals and Currencies, Common Names, Full Forms and Abbreviations. Eminent Personalities, National Birds / Animals / Sport /Flowers / Anthem / Songs/Flags / Mountains. Sports: Championships / Winners /Terms / Number of Players.
Reasoning	Spatial, Numerical Reasoning & Associative Ability, Sequences, Spellings Unscrambling, Coding and Decoding.

Indian Coast Guard Navik GD Syllabus 2025 for Section II

The ICG Navik GD syllabus for Section II is divided into two subjects, i.e. maths and physics. Check the detailed Indian Coast Guard Navik GD Syllabus 2025 for Section II below.

Indian Coast Guard Navik GD Syllabus 2025	
Subject ICG Navik GD Section II Syllabus	
Maths	Physical world and measurement, Kinematics, Laws of Motion, Work, Energy and Power. Newton's laws and applications, circular motion. The motion of a System of particles and rigid body, gravitation, Property of Bulk Matter,

thermodynamics, behaviour of perfect gas and kinetic theory, Oscillation and Waves. Electrostatics, Current Electricity, Magnetic Effects of current and magnetism, Electromagnetic Induction and alternating currents, Electromagnetic Waves. Optics, Dual Nature of matter and radiation, Atom and Nuclei. Electronic devices, Communicating systems.

Sets, Relations and Functions - Set, Relations and Functions trigonometric functions. Algebra - Principle of Mathematical induction, complex numbers and quadratic equations, linear inequalities, permutation and combinations, binomial theory, sequence and series, Matrices, determinants. Vector And Three

Physics Dimensional Geometry - Vectors, and three-dimensional geometry Linear Programming Coordinate Geometry - Straight lines, conic section, introduction to three-dimensional geometry. Calculus - Limits and derivatives, Continuity and differentiability, Applications and derivatives, Integrals, applications of the integrals, differential

equations. Probability - Statistics, Probability. Mathematical Simplification, Ratio and Proportion, Algebraic Identities, Linear Equations and Polynomials, Simultaneous Equations, Basic Trigonometry. Relations And Functions - Relations and Functions, inverse trigonometric functions. Simple Mensuration, Geometry, Measures of Central Tendency (Average, Median, and Mode.

Indian Coast Guard Navik GD Exam Pattern 2025

The ICG Coast Guard Navik GD exam pattern 2025 has been announced through the official notification.

Candidates must stay updated with the latest ICG Navik GD exam pattern 2025 to understand the question structure, number of questions, and marking scheme.

Check the weightage of the Indian Coast Guard Navik GD syllabus 2025 for all the sections below.

Indian Coast Guard Navik GD Exam Pattern 2025			
Section Name	Exam Details	Subject-Wise Details	Passing Marks
Section I	Maximum Marks-	Maths- 20 Science-	30 (UR/EWS/ OBC

	60 Time-45 mins. Total no. of Questions- 60	10 English- 15 Reasoning- 10 GK-5	category) and 27 (for SC/ST category)
	Maximum Marks-		20 (UR/EWS/OBC
Section II	50 Time-30 mins Total no. of Questions- 50	Maths- 25 Physics-25	category) and 17 (for SC/ST category)

Tips to Cover Indian Coast Guard Navik GD Syllabus 2025

Acing the Indian Coast Guard Navik GD 2025 recruitment process is no cakewalk. However, candidates can succeed in this written exam with a unique strategy and the right choice of books. So, they should analyse the Indian Coast Guard Navik GD Syllabus PDF to know the questions that can be asked in the written exam. Here are the best tips to ace the Indian Coast Guard Navik 2025 exam with flying colours.

- Analyse the ICG Navik GD Syllabus 2025 to cover topics that are asked in the exam.

- Check ICG Navik GD Exam Pattern 2025 for valuable details about the exam format, marking scheme, and other requirements.
- Pick the highly-recommended Indian Coast Guard Navik GD books and study material to study concepts and core topics.
- Solve the Indian Coast Guard Navik GD Previous Year Question Paper to check the progress of their preparation level and revise all the trending topics frequently asked in the exam