

Indian Coast Guard AC Syllabus

Indian Coast Guard Assistant Commandant Exam Pattern

Subjects	Exam Type
Mental Ability Test/ Cognitive Aptitude Test	Objective Type
Picture Perception & Discussion Test (PP&DT)	

Note: Exam will be English

Subject wise Indian Coast Guard Assistant Commandant Syllabus

Quantitative Aptitude

- Comprehension.

- Sentence Rearrangement.
- Direct/Indirect Speech.
- Number System
- Percentage and Average
- Time, Distance, Work
- Profit and Loss
- Ratio and Proportions
- Simplification
- Simple and Compound Interest
- Number Series, etc

English

- Unseen Passages.
- Antonyms.
- Idioms & Phrases.
- Tenses.
- Synonyms.
- Vocabulary.
- Articles.
- Verb.
- Fill in the Blanks.
- Adverb.
- Grammar.
- Active & Passive Voice.
- Transformation of Sentences.

Reasoning

- Figural Analogy
- Drawing inferences
- Clocks and Calendars

- Number Series
- Embedded figures
- Mathematical Reasoning
- Statements and Arguments
- Blood relation
- Similarities and differences
- Coding and de-coding
- Alphabet Series
- Linear and Circular Sitting Arrangements
- Puzzles, etc

General Science

Physics

- Physical World and Measurement
- Work, Power, and Energy
- Laws of Motion
- Gravitation
- Kinematics
- Solids and Fluids
- Waves and Oscillations
- Electrostatics
- Current Electricity
- Electromagnetic Induction and Alternating Current
- Magnetic Effect of Current and Magnetism
- Optics
- Principles of Communication
- Dual Nature of Matter and Radiations

Chemistry

- Photochemistry
- Electrochemistry
- Thermodynamics
- Organic Synthesis
- Quantum Chemistry
- Chemical Kinetics
- Bio-inorganic chemistry
- Chemistry of Transition elements
- Inorganic reaction mechanism
- Nuclear chemistry
- Acids and Bases
- Redox Reactions
- Structure and Bonding
- Analytical Chemistry
- Analytical Techniques

Picture Perception & Discussion Test (PP&DT)

You will be given a haze picture for 30 seconds and afterward given 1 minute to note down the subtleties of the image and 4 minutes to compose the story that is suitable with the shown picture. You are needed to notice this foggy picture carefully inside these given 30 seconds.