

Indian Navy [SSR AA]**Syllabus**

Check the subject-wise syllabus from here and prepare for the written exam accordingly.

Science

1. Physical World and Measurement, Kinematics, Laws of Motion, Work, Energy and Power, Motion, System of Particles and Rigid Body/Gravitation
2. Mechanics of Solids and Fluids, Heat Thermodynamics, Oscillations, Waves, Electrostatics, Current Electricity
3. Magnetic Effect of Current and magnetism, Electromagnetic Induction and Alternating Current, Electromagnetic Waves
4. Optics, Dual Nature of Matter and Radiations, Atomic Nucleus/ Solid and Semi-Conductor Devices, Principles of Communication
5. Metals and Non Metals, Organic Chemistry, Food, Nutrition and Health, Physiology and Human Diseases, Computer Science

Mathematics

1. Relations and Functions, Logarithms, Complex Numbers, Quadratics Equations, Sequences and Series, Trigonometry
2. Cartesian System of Rectangular Coordinates, Straight Lines Family of Straight Lines, Circles Conic Section, Permutations and Combinations, Vectors, Exponential and Logarithmic Series, Sets and Set Theory, Statistics
3. Introduction to Three Dimensional Geometry, Probability Function, Limits and Continuity, Differentiation, Applications of Derivatives
4. Indefinite Integrals, Binomial Theorem, Matrices, Determinants, Definite Integrals

English Language

1. Passage, Preposition, Correction of sentences, Change active to passive/passive to active voice
2. Change direct to indirect/indirect to direct, Verbs/Tense/Non Finite, Punctuation
3. Substituting phrasal verbs for expression, Synonyms and Antonyms, Meanings of difficult words
4. Use of adjective, Compound preposition, Determiners (use of a, the, any etc), Use of pronouns

General Awareness

1. Culture and Religion, Geography: Soil, Rivers, Mountains, Ports, Inland Harbours, Freedom Movement
2. Sports: Championships/Winners/Terms/ No of Players, Defence, Wars and Neighbours, current affairs
3. Important National Facts about IndiaHeritage, Arts, Dance, History, National-Languages, Bird Animal, Song, Flag, Monuments, Capitals & Currencies
4. Common Names, Full forms and Abbreviations, Discoveries, Diseases and Nutrition, Award and Authors, Eminent Personalities
5. Spatial, Numerical, Reasoning & Associative Ability, Sequences, Spellings, Unscrambling, Coding and Decoding

Science and Mathematics :

1. Nature of Matter, Universe (Planets/ Earth/ Satellites/ Sun), Electricity and its applications.
2. Force and Gravitation, Newton's Laws Of Motion, Work, Energy and Power.
3. Heat, Temperature, metals and Non- Metals, Carbon and its Compounds, Measurements in Science, Sound & Wave Motion, Atomic Structure.
4. Mathematical Simplification, Ratio and Proportion, Algebraic Identities, Linear Equations and Polynomials, Simultaneous Equations, Basic Trigonometry.
5. Simple Mensuration, Geometry, Measures of Central Tendency (Average, Median and Mode).
6. Interest, Profit, Loss and Percentage, Work, Time, Speed and Distance.

Discoveries, Diseases and Nutrition.

4. Current Affairs, Languages, Capitals and Currencies, Common Names, Full Forms and Abbreviations.
5. Eminent Personalities, National : Bird/Animal/Sport/Flower/Anthem/ Song/Flag/Monuments.
6. Sports : Championships / Winners/ Terms/ Number of Players.

General Knowledge :

1. Geography: Soil, Rivers, Mountains, Ports, Inland, Harbours.
2. Culture and Religion, Freedom Movement, Important National Facts about India, Heritage, Arts and Dance.
3. History, Defence, Wars and neighbours, Awards and Authors,