



## **COAST GUARD NAVIK (DB)**

- **SCIENCE**
- **MATHEMATICS**
- **ENGLISH**
- **REASONING**
- **GENERAL AWARENESS**

### **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 Equation and Polynomials, Simultaneous Equations, Basic Trigonometry
- Simple Mensuration, Geometry, Measures of Central Tendency (Average, Median and Mode)
- Interest, Profit, Loss and Percentage, Work, Time, Speed and Distance

### **ENGLISH**

- 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, Meaning of difficult words.
- Use of adjectives, Compound Preposition.
- Use of pronouns.



## **REASONING**

- Spatial, Numerical Reasoning and Associative Ability, Sequences, Spellings  
Unscrambling, Coding and Decoding.
  - 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 Bird/Animal/Sport/Flower/Anthem/Song/Flag/Mountains
- Sports: Championships/Winners/Terms/Number of Players