

## **GP Rating Entrance Exam (Syllabus for IMU-CET)**

| <b>Subject</b> | <b>Marine Knowledge</b>                       |
|----------------|---|
| Chapter 1      | Introduction To Merchant Navy                 |
| Chapter 2      | IMO & D.G. Shipping                           |
| Chapter 3      | Career Graph In Merchant Navy                 |
| Chapter 4      | Types Of Ship                                 |
| Chapter 5      | Types Of Cargoes                              |
| Chapter 6      | Ports Of India And World                      |
| Chapter 7      | International Sea Routs                       |
| Chapter 8      | Famous Shipping Canals                        |
| Chapter 9      | National & International Maritime Day         |
| Chapter 10     | Advantages And Disadvantages Of Merchant Navy |

| <b>Subject</b> | <b>Physics</b>                   |
|----------------|----------------------------------|
| Chapter 1      | Unit and Measurements            |
| Chapter 2      | Motion, force and laws of motion |
| Chapter 3      | Work and energy                  |
| Chapter 4      | Gravitation                      |
| Chapter 5      | Sound                            |
| Chapter 6      | Light                            |
| Chapter 7      | Electricity and Magnetism        |
| Chapter 8      | Our Environment                  |
| Chapter 9      | Alternating Current              |
| Chapter 10     | Moving Charges And Magnetism     |

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|------------|---------------------------|
| Chapter 11 | Electromagnetic Induction |
| Chapter 12 | Electromagnetic Waves     |

| <b>Subject</b> | <b>English</b>           |
|----------------|--------------------------|
| Chapter 1      | Noun                     |
| Chapter 2      | Finding Error (Noun)     |
| Chapter 3      | Pronoun                  |
| Chapter 4      | Verb                     |
| Chapter 5      | Adverb                   |
| Chapter 6      | Modals                   |
| Chapter 7      | Determiners              |
| Chapter 8      | Gender                   |
| Chapter 9      | Preposition              |
| Chapter 10     | Predicate                |
| Chapter 11     | Numbers                  |
| Chapter 12     | Direct Indirect Speech   |
| Chapter 13     | Phase And Clause         |
| Chapter 14     | Sentences                |
| Chapter 15     | Active And Passive Voice |
| Chapter 16     | Tenses                   |
| Chapter 17     | Adjectives               |
| Chapter 18     | Synonym And Antonym      |
| Chapter 19     | English Questions        |

| <b>Subject</b> | <b>Verbal &amp; Non Verbal Reasoning</b> |
|----------------|--|
| Chapter 1      | Time , speed and distance                |
| Chapter 2      | Time and work                            |
| Chapter 3      | Percentage                               |
| Chapter 4      | Simple & Compound Interest               |
| Chapter 5      | Profit and loss                          |
| Chapter 6      | Ratio and proportion                     |
| Chapter 7      | Pipes and cisterns                       |
| Chapter 8      | Average                                  |
| Chapter 9      | Calendar                                 |
| Chapter 10     | Clock                                    |
| Chapter 11     | Chain rule                               |
| Chapter 12     | Direction                                |
| Chapter 13     | Blood relation                           |
| Chapter 14     | Series                                   |
| Chapter 15     | Analogy                                  |
| Chapter 16     | Classification                           |
| Chapter 17     | Mirror Image                             |
| Chapter 18     | Patten Classification                    |
| Chapter 19     | Figure Matrix                            |
| Chapter 20     | Paper Folding And Paper Cutting          |
| Chapter 21     | Rule Deduction                           |
| Chapter 22     | Dot Situation                            |
| Chapter 23     | Shape Construction                       |
| Chapter 24     | Image Analysis                           |

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|------------|------------------|
| Chapter 25 | Cubes And Dices  |
| Chapter 26 | Sample Questions |

| Subject   | <b>Chemistry</b>                   |
|-----------|------------------------------------|
| Chapter 1 | Matter, Atoms, And Molecules       |
| Chapter 2 | Acid, Base and Salt                |
| Chapter 3 | Metals & non-metals                |
| Chapter 4 | Periodic Classification of Element |

| Subject   | <b>Mathematics</b>       |
|-----------|--------------------------|
| Chapter 1 | Number System            |
| Chapter 2 | Arithmetic Progressions  |
| Chapter 3 | Algebra                  |
| Chapter 4 | Co-ordinate Geometry     |
| Chapter 5 | Trigonometry             |
| Chapter 6 | Triangles and circles    |
| Chapter 7 | Surface areas and volume |
| Chapter 8 | Statistics               |
| Chapter 9 | Probability              |

| Subject   | <b>Psychology</b>  |
|-----------|--|
| Chapter 1 | Introduction   |
| Chapter 2 | Non-verbal Communication   |
| Chapter 3 | Sd (self-descriptive test)                                       |
| Chapter 4 | Srt (Situation reaction test)                                    |
| Chapter 5 | Tat / ppt (thematic apperception test / picture perception test) |
| Chapter 6 | Wat (word association test)                                      |

| <b>Subject</b> | <b>Geography</b>                 |
|----------------|----------------------------------|
| Chapter 1      | The Universe                     |
| Chapter 2      | Earth's Movement                 |
| Chapter 3      | Geological History Of Earth      |
| Chapter 4      | Earth's Atmosphere               |
| Chapter 5      | Clouds                           |
| Chapter 6      | Layers Of The Earth              |
| Chapter 7      | Lithosphere & Types Of Mountains |
| Chapter 8      | Latitude And Longitude           |
| Chapter 9      | Ocean Currents                   |
| Chapter 10     | 7 Continents Of The World        |
| Chapter 11     | Country & Capitals               |
| Chapter 12     | International Boundaries         |
| Chapter 13     | Oceans And Seas                  |
| Chapter 14     | Major Strait & Rivers            |
| Chapter 15     | India-Physical Division          |