

Electro-Technical Officer (ETO) (Syllabus for IMU-CET)

| Subject | English |
|----------------|--------------------------|
| 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 |

| Subject | Marine Knowledge |
|----------------|-------------------------------|
| 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 |

| Subject | Psychology |
|----------------|--|
| 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) |

| Subject | Verbal & Non Verbal Reasoning |
|----------------|--|
| 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 |
| Chapter 25 | Cubes And Dices |
| Chapter 26 | Sample Questions |

| Subject | Important Electrical Questions |
|-----------|--------------------------------|
| Chapter 1 | Electrical & MSB |
| Chapter 2 | Battery |
| Chapter 3 | Generator |
| Chapter 4 | Safety |

| | |
|------------|---|
| Chapter 5 | Motor |
| Chapter 6 | Transformer |
| Chapter 7 | Electronics |
| Chapter 8 | Sensors |
| Chapter 9 | ICCP & NGPS |
| Chapter 10 | Electrical Circuits & Measurements |
| Chapter 11 | Electrical Mechanics |
| Chapter 12 | Semiconductor Devices And Applications |
| Chapter 13 | Digital Electronics |
| Chapter 14 | Fundamentals Of Communication Engineering |

| Subject | Electrical Engineering |
|-----------|---------------------------------------|
| Chapter 1 | Correcting Units |
| Chapter 2 | Temperature Sensors |
| Chapter 3 | Pressure Sensors |
| Chapter 4 | Flow Sensors |
| Chapter 5 | Level Sensors |
| Chapter 6 | Controllers And Compensation Technics |

| Subject | Physics |
|-----------|---|
| Chapter 1 | Electrostatic |
| Chapter 2 | Current Electricity |
| Chapter 3 | Magnetism And Matter |
| Chapter 4 | Ray Optics and Optical Instruments |
| Chapter 5 | Wave Optics |
| Chapter 6 | Semiconductor Electronics, Materials, Devices and Sample Circuits |