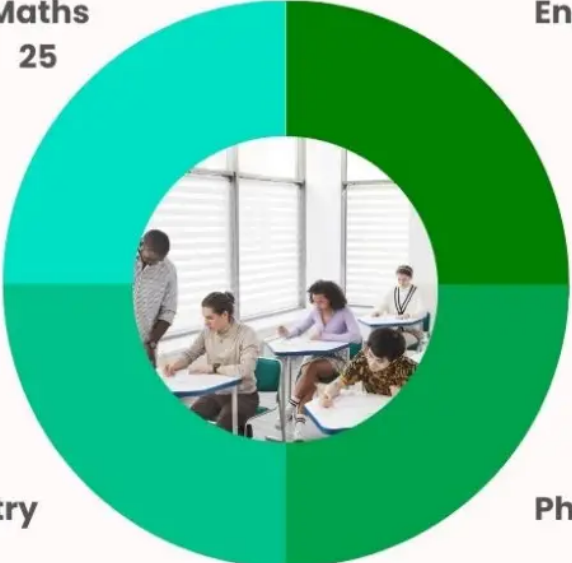



# Mazagon Dock Trade Apprentices Syllabus 2023 | Exam Pattern PDF Download

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## MAZAGON DOCK TRADE NEW SYLLABUS




**Maths**  
25


**English & G.K.**  
25

**Chemistry**  
25


**Physics**  
25




**CBT**  
Exam  
Mode




**10TH**  
Exam  
Level



**100**  
Total  
Marks



**120**  
Total  
TIME (Min)



### Free > MOCK TEST & PYQ

The Mazagon Dock Limited will conduct the **Mazagon Dock Trade Apprentices Syllabus 2023** for three groups: **Group 'A'** (10th level), **Group 'B'** (I.T.I. level), and **Group 'C'** (8th-grade level). The exam will be **online** and in an **objective (MCQ)** format. **Mazagon Dock Trade Apprentices Syllabus 2023** subjects covered include English, General Knowledge, and relevant subjects like Physics, Chemistry, Mathematics, Trade Theory, Workshop Calculation & Science, and Engineering Drawing. **Mazagon Dock Trade Apprentices Syllabus 2023** exam will be conducted in **Hindi, Marathi, and English**, and each group will have **100 questions** with a total duration of **120 minutes**.

Online Examination

01

## Mazagon Dock Trade Apprentices Syllabus 2023: GROUP 'A'

Organization

Mazagon Dock Limited

**Exam Mode**

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Online (CBT)

**Exam Level**

---

10th (High School)

**Exam Type**

---

Objective (MCQ)

**Paper Medium**

---

Hindi, Marathi & English

**Total Question**

---

100

**Total Marks**

---

100

**Total Time (Minutes)**

---

120

**Correct Answer (Marks)**

---

01

**Subject Details**

---

**Name Qsn Marks**

English & G.K. 25 25

Physics 25 25

Chemistry 25 25

Maths 25 25

## 1. 📖 English & G.K.

**Total Qsn 25 Total Marks- 25**

## 2. 📖 Physics

**Total Qsn 25 Total Marks- 25**

### Physics:

1. Molecular Physics
2. Nuclear and Particle Physics
3. Mathematical Methods
4. Classical Mechanics
5. Electromagnetic Theory
6. Relativity
7. Condensed Matter Physics
8. Electronics
9. Statistical Mechanics
10. Thermodynamics
11. Experimental Physics
12. Quantum Theory and its Applications

## 3. 📖 Chemistry

**Total Qsn 25 Total Marks- 25**

### Chemistry:

1. Redox Reactions
2. Chemical Kinetics
3. Hydrocarbons
4. Environmental Chemistry
5. Ethers
6. Surface Chemistry
7. Aldehydes
8. (P, D, F) Block Elements
9. Hydrogen
10. Phenols
11. General Chemistry
12. Alcohols
13. Haloalkanes
14. Ketones
15. Thermodynamics
16. Carboxylic Acids
17. Amines
18. Biomolecules

19. Chemistry in Everyday Life
20. Structure of Atom
21. General Organic Chemistry
22. Chemical Bonding
23. Solid State
24. Electrochemistry
25. Alkali and Alkaline Earth Metals (S Block)
26. Haloarenes

#### 4. Maths

**Total Qsn 25 Total Marks- 25**

#### **Mathematics:**

1. Number Systems
2. Decimals and Fractions
3. Computation of Whole Numbers
4. Fundamental Arithmetical Operations
5. Percentage
6. Average, Ratio & Proportion
7. Profit & Loss
8. Discount
9. Simple Interest
10. Partnership
11. Time & Work
12. Time & Distance
13. Mensuration
14. Relationship Between Numbers
15. Use of Tables and Graphs

### **Mazagon Dock Trade Apprentices Syllabus 2023: GROUP 'B'**

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#### **Organization**

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Mazagon Dock Limited

#### **Exam Mode**

---

Online (CBT)

#### **Exam Level**

---

I.T.I.

#### **Exam Type**

---

Objective (MCQ)

**Paper Medium**

---

Hindi, Marathi & English

**Total Question**

---

100

**Total Marks**

---

100

**Total Time (Minutes)**

---

120

**Correct Answer (Marks)**

---

01

**Subject Details**

---

**Name Qsn Marks**

English & G.K. 25 25

Trade Theory 25 25

Workshop calculation & science 25 25

Engineering Drawing 25 25

**1. 📖English & G.K.**

**Total Qsn 25 Total Marks- 25**

**2. 📖Trade Theory**

**Total Qsn 25 Total Marks- 25**

**3. 📖Workshop calculation & science**

**Total Qsn 25 Total Marks- 25**

#### 4. 📖 Engineering Drawing

Total Qsn 25 Total Marks- 25

### Mazagon Dock Trade Apprentices Syllabus 2023: GROUP 'C'

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#### Organization

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Mazagon Dock Limited

#### Exam Mode

---

Online (CBT)

#### Exam Level

---

8th

#### Exam Type

---

Objective (MCQ)

#### Paper Medium

---

Hindi, Marathi & English

#### Total Question

---

100

#### Total Marks

---

100

#### Total Time (Minutes)

---

120

#### Correct Answer (Marks)

---

01

#### Subject Details

---

**Name Qsn Marks**

English & G.K 25 25

Physics 25 25

Chemistry 25 25

Mathematics 25 25

**1. 📖 English & G.K**

**Total Qsn 25 Total Marks- 25**

**2. 📖 Physics**

**Total Qsn 25 Total Marks- 25**

**3. 📖 Chemistry**

**Total Qsn 25 Total Marks- 25**

**4. 📖 Mathematics**

**Total Qsn 25 Total Marks- 25**

# MAZAGON DOCK TRADE SYLLABUS NOTICE



## 7. Selection Process: Selection for Apprenticeship will be completed in Three Stages,

**First Stage i.e. Online Examination (Computer based test):** - only Eligible Candidates in Group A, B & C will be called for **Online Examination (Computer based examination)**. The Online Examination will consist 100 Number of Multiple Choice questions based on the below mentioned syllabus of Minimum Qualification of respective Groups (i.e. Class 10th Pass for Group A, ITI Pass for Group B & Class 8th Pass for Group C) and Examination will be of 2 Hours duration.

<b>Group A - 10<sup>th</sup> Class Passed,</b>		<b>Group B - I.T.I. Passed,</b>		<b>Group C - 8<sup>th</sup> Class Passed,</b>	
Trade: Draftsman (Mechanical), Electrician, Fitter, Pipe Fitter & Structural Fitter		Trade: Structural Fitter (Ex. ITI Fitter), ICTSM, Electrician, Electronic Mechanic, Pipe Fitter, Welder, *Computer Operator & Programming Assistant (COPA), Refrigeration and Air-conditioning (RAC) & Carpenter		Trade: Rigger & Welder (G&E)	
Subject	No. of Questions	Subject	No. of Questions	Subject	No. of Questions
English & G.K.	25	English & G.K.	25	English & G.K.	25
Physics	25	Trade Theory	25	Physics	25
Chemistry	25	Workshop calculation & science	25	Chemistry	25
Mathematics	25	Engineering Drawing	25	Mathematics	25
<b>Total No. of Questions</b>	<b>100</b>	<b>Total No. of Questions</b>	<b>100</b>	<b>Total No. of Questions</b>	<b>100</b>

\*For COPA Trade 75 nos. question from Trade Theory & 25 nos. of English & G.K. subject.

**Second Stage will be of Document Verification & Trade Allotment:** - For this the candidates securing maximum marks (each Group & Category wise) in Online Exam would only be called for Medical Examination & Document Verification, Schedule for Eligible Candidates in Group A, B & C will be declared with the result of online examination.

**Third Stage will be of Medical Examination:** Shortlisted Applicants will be required to clear Medical Fitness for joining Apprenticeship Training in accordance with medical fitness standard of Apprentices Rules 1992. The procedure for obtaining medical fitness will be informed to shortlisted candidate at the time of result declaration. However, **If any applicant is advised for specialist opinion i.e. X-ray, Blood Test etc., it will be at their cost. Joining for Apprenticeship will be subjected to declaration of fitness by Medical Officer.**

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**★ Which organization is conducting the Mazagon Dock Trade Apprentices Syllabus 2023 ?**

The Mazagon Dock Limited is conducting the Mazagon Dock Trade Apprentices exam in 2023.

**★ What is the exam mode for the Mazagon Dock Trade Apprentices?**

The exam will be conducted online in a Computer-Based Test (CBT) format.

**★ What are the subjects covered in Group 'A' of the Mazagon Dock Trade Syllabus?**

The subjects covered in Group 'A' include English, General Knowledge, Physics, Chemistry, and Mathematics.

**★ What is the exam level for Group 'B' of the Mazagon Dock Trade Apprentices Exam Pattern?**

The exam level for Group 'B' is I.T.I. (Industrial Training Institute).

**★ What are the language options for the Mazagon Dock Trade Apprentices PDF Download?**

The exam will be conducted in Hindi, Marathi, and English languages.

**Comment**

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