

**HOOGLY COCHIN SHIPYARD LIMITED
HOWRAH- 711109**

P&A DEPARTMENT

HC SL/HR/RECTT/PERMA/008/2022-23/ (Revised)

Date: 01.11.2023

SYLLABUS FOR WRITTEN TEST

1. Refer Vacancy Notification No. HC SL/HR/RECTT/PERMA/008/2022-23/(Revised) dated 28 November 2022 for filling up the post of the **Assistant Manager (Materials)** for HC SL.

2. As per clause F of the above vacancy notification, the method of selection for the post shall include Phase I, consisting of an Objective type Test (40 marks) of 45 minutes, Phase II consisting of Descriptive type Written Test (40 marks) of 90 minutes and Phase III consisting of Power point presentation on work experience (20 Marks). The detailed syllabus of Objective Type Test (Part A-General and Part B-Discipline related) is enclosed at Annexure I. Syllabus for the Descriptive type Written Test shall be same as Part B (Discipline related).

3. Please note that the list of topics detailed in the above syllabus is only indicative and not exhaustive.

4. For any queries, please contact us via e-mail at careers@hooghlycsl.com, Ph: 033 2955 8283.

SD/-

Sr. Manager (IR & HR)

On & behalf of Hooghly Cochin Shipyard Limited

Syllabus for the Phase-I, Objective type Test (40 marks)

The pattern of the question paper, number of questions and allotment of marks is detailed under:

No. of questions in each section/ mark per section*					Total no. of questions for Objective type Online test / Max marks
General Knowledge	General English	Reasoning	Quantitative Aptitude	Discipline related (Part B)	
5	5	5	5	20	40

*Each question carries one mark. There shall be no negative marks.

Particulars	Syllabus - General (Part A)
General Knowledge	<ul style="list-style-type: none"> • Facts about India and other countries: Basic facts / Geography / Tourism / Transport systems / Personalities / Places / History / Constitution / Economy / Writers / Literatures / Indian States & Union Territories / International Organizations. • General Science: Branches of studies / Scientific instruments and appliances / Physics / Chemistry / Biology • Sports & Games • Important Events/ Movements / Leaders / Places / Years • Writers – Authors – Biography – Autobiography • Abbreviations
General English	<ul style="list-style-type: none"> • Spotting Errors / Vocabulary usage / Sentence Completion / Synonyms / Antonyms / Reconstruction of sentences / One word substitution / Idioms & Phrases / Grammar / Correct usage of Articles / Prepositions / Singular and Plural

Annexure I

Reasoning	<ul style="list-style-type: none">• Analogy / Classification / Series Completion / Coding-Decoding / Blood Relation / Direction Sense Test / Alphabet Test / Number and Ranking / Puzzle Test / Odd Man out / General Intelligence
Quantitative Aptitude	<ul style="list-style-type: none">• Number system / Fraction and Decimals / Simplification / Volume and surface areas / Square roots and Cube roots / Problems based on numbers, Speed, Time and Distance, Simple Interest / Compound Interest / Boats and Streams / Problems on Trains / Percentage - Interest / HCF and LCM / Average / Ratio and Proportion / Time and Work / Problems based on ages / Profit, Loss and Discount, Statistics / Permutations & Combinations / Probability.

**Syllabus For Phase- I (Part B) & Phase II, Descriptive type Written Test for
Asst. Manager-Materials**

1. General Science (Physics, Chemistry and Mathematics)
2. Engineering Mechanics
3. Theory of Machines
4. Thermodynamics
5. Fluid Mechanics
6. Basic Design
7. Manufacturing Process
8. Metallurgy and Machine Tools
9. Electrical Science
10. Electrical machines
11. Basic Electronics
12. Electronic devices
13. Basics of circuits
14. Measurement system and Industrial Instrumentation
15. Mechatronics and Control Systems
16. Environmental Pollution and Control
17. Industrial Management and Industrial Engineering