

## HRRL Junior Executive Syllabus 2024

Candidates taking the Computer Based Examination should be conversant with the entire HRRL Junior Executive Syllabus to ensure they are well prepared for the exam. The CBT, which will be administered in a single paper, will be based on the difficulty level up to Diploma/Degree standards. The exam will be in English. Let's look at the HRRL Junior Executive Syllabus in depth below.

<b>Subject</b>	<b>Topics</b>
HRRL Junior Executive Syllabus for Logical Reasoning	Blood Relations
	Series Completion
	Classification
	Symbolic Logic
	Analytical Reasoning
	Puzzles
	Coding-Decoding
	Direction Sense
	Mirror Image
	Embedded Figures
HRRL Junior Executive Syllabus for Data Interpretation	Bar Graphs
	Pie Charts

	Tables
	Stacked bar graph and multiple bar graph
	Line Graphs
	Tabular Graphs
HRRL Junior Executive Syllabus for Quantitative Aptitude Test	Percentages
	Profit & Loss
	Simple Interest
	Compound Interest
	Ratio & Proportion
	Time & Work
	Mixture & Allegation
	Time Speed Distance
	Number Series
	Average
	Probability
HRRL Junior Executive Syllabus for English Test	Reading Comprehension
	Cloze Test

	Error Spotting
	Sentence Improvement
	Idioms & Phrases
	Paragraph Jumbles
	Fill in the Blanks
	One Word Substitution
	Spell Check
	Phrases/idioms
HRRL Junior Executive Syllabus for Technical Specific Test (Chemical)	Chemical engineering principles
	Process control
	Engineering thermodynamics
	Heat transfer operations
	Mass transfer operations
	Chemical reaction engineering
	Process equipment design

	Safety and environment procedures
	Instrumentation and process control
	Material and Energy Balances
	Fluid Mechanics and Hydraulic Machines
	Plant Utilities
	Chemical Technology
	Process Calculations