

Phase 1 FCI Manager Syllabus

The FCI Manager Phase-I test consists of three sections: English Language, Numerical Aptitude, and Reasoning Ability. The following is a detailed syllabus for the FCI Manager 2024 Phase-I exam:

English Language Syllabus

Topics Covered in English Language Syllabus for FCI Manager Exam	
Reading Comprehension	Cloze Test
Fillers	Sentence Errors
Vocabulary based questions	Sentence Improvement
Jumbled Paragraph/Sentences	Paragraph Fillers
Paragraph Conclusion	Paragraph/Sentences Restatement
One Word Substitution	

Reasoning Ability Syllabus

Topics Covered for Reasoning Ability Syllabus for FCI Manager Exam	
Puzzles, Seating Arrangements	Direction Sense
Blood Relation	Syllogism
Order and Ranking	Coding-Decoding
Machine Input-Output	Inequalities
Alpha-Numeric-Symbol Series	Data Sufficiency
Logical Reasoning	Passage Inference
Statement and Assumption	

Numerical Aptitude Syllabus

Topics Covered for Numerical Aptitude Syllabus for FCI Manager Exam

Data Interpretation	Inequalities (Quadratic Equations)
Number Series	Approximation and Simplification
Data Sufficiency	Miscellaneous Arithmetic Problems
HCF and LCM	Profit and Loss
Simple Interest & Compound Interest (SI & CI)	Problem on Ages
Work and Time	Speed Distance and Time
Probability	Mensuration
Permutation and Combination	Average
Ratio and Proportion	Partnership
Problems on Boats and Stream	Problems on Trains
Mixture and Alligation	Pipes and Cisterns

Phase 2 FCI Manager Syllabus

For the position of Manager (General / Depot / Movement / Accounts / Technical / Civil Engineering / Electrical Mechanical Engineering), there are 120 multiple-choice questions covering general aptitude topics such as reasoning, data analysis, computer awareness, general awareness, management, and current affairs.

FCI Manager (Accounts) Syllabus (Post Code-D)

Subject	Topics
Basic Accounting Concept	Preparation of Books of Accounts, Accounting Standards
Financial Accounting	Analysis of Financial Statement
	Budgeting & Budgetary Control
	Working Capital Management

	Capital Budgeting & Ratio Analysis
Taxation	Income Tax (including filing of return, TDS, Advance Tax)
	Goods & Services Tax (GST)
Auditing	Auditing Concepts and Methods
	Internal & External Audit of Companies
Commercial Laws	Contract Act
	Companies Act
	Sales of Goods Act
	Negotiable Instrument Act
	Consumer Protection Act
	RTI Act
Basic Computers	Operating System
	Browsers
	Email
	Memory (Internal, External, Portable)
	Chats
	Office (Word, PowerPoint, Excel)
	Networks

FCI Manager (Technical) Syllabus (Post Code-E)

Subject	Topics
Agriculture	Statistics of Indian Agriculture (Cereals & Pulses)
	Food & Agriculture Microbiology
	Nutrition (Animal & Plant)
	Postharvest Care of Cereals & Pulses
	Food Grain Protection
	Agriculture Extension
Biotechnology	Microbes: Beneficial & Harmful
	Genetic Engineering
	Biotechnological Principles
	Economic Biotechnology
	Pathogens & Control
	Recent Trends
Entomology	Basic Entomology
	Economic Entomology
	Beneficial and Harmful Insects
	Integrated Pest Management (IPM)
	Storage Grain Insect Pest
	Vertebrate Pests

Chemistry	Physical Chemistry: Structure of Atoms, Chemical Bonding, Radioactivity
	Inorganic Chemistry, Periodic Table, Basics of Metals & Non-metals
	Organic Chemistry, Basics of Alkanes, Alkenes, Alkynes, Alcohols, Aldehydes, and Acids
	Biochemistry (Carbohydrates, Proteins & Fats)
Food	PFA Act, 1964
	Food Safety and Standards Act, 2006/Food Safety and Standards Regulations 2011
	Right to Information Act, 2005

FCI Manager (Civil Engineering) Syllabus (Post Code-F)

Subject	Topic
Engineering Materials & Construction Technology	Selection of Site for Construction
	Engineering Materials & Construction Technology
	Planning and Orientation of Buildings, Acoustics
	Ventilation and Air Conditioning
	Building and Highway Materials (Stones, Bricks Timber, Lime, Cement Mortar, Plain and Reinforced Cement Concrete, Bitumen, Asphalt)
Building Materials	Stone, Lime, Glass, Plastics, Steel, FRP, Ceramics, Aluminium, Fly Ash, Basic Admixtures
	Timber, Bricks and Aggregates Classification, Properties and Selection Criteria, Cement etc.

Construction Practice, Planning and Management	Construction Planning
	Equipment, Site Investigation
	Tendering Process and Contract Management
	Quality Control, Productivity, Operation Cost
	Land Acquisition, Labor Safety and Welfare
Surveying	Surveying
	Leveling, Temporary and Permanent Adjustments of Levels and Theodolite
	Use of Theodolite
	Tachometry
	Trigonometrically and Triangulation Survey
	Contours and Contouring
	Computations of Areas and Volumes
Soil/Geotechnical Engineering	Classification of Soil
	Field Identification Tests
	Water Content, Specific Gravity, Voids Ratio, Porosity
	Soil Permeability and its Determination in the Laboratory and Field
	Darcy's Law, Flow Nets, and its Characteristics
	Local and General Shear Failures

	Plate Load Test
	Stability of Simple Slopes
Highway and Bridges	Classification of Road Land Width
	Flexible Pavements
	WBM Courses, Sub-Base, Sand Bitumen Base Course, Crushed Cement Concrete Base / Sub-Base Course
	Prime and Tack Coats
	Surface Dressing
	Asphaltic Concrete, Seal Coats
Structural Analysis	Strength of Materials
	Bending Moments and Shear Force
	Suspended Cables
	Concepts and Use of Computer-Aided Design
Design of Steel Structures	Principles of Working Stress Methods
	Design of Tension and Compression Members
	Design of Beams and Beam-Column Connections, Built-up Sections, Girders, Industrial Roofs
	Principles of Ultimate Load Design
Design of Concrete and Masonry Structures	Principles of Working Stress Methods
	Design of Tension and Compression Members

	Design of Beams and Beam-Column Connections, Built-up Sections, Girders, Industrial Roofs
	Principles of Ultimate Load Design
Estimating, Costing, and Valuation	Estimate, Analysis of Rates, Earthwork
	Brick, RCC Work Shuttering, Painting, Flooring, Plastering Flexible Pavements, Tube Well, Isolates and Combined Footings, Steel Truss, Piles etc.
	Valuation - Value and Cost, Scrap Value, Salvage Value, Assessed Value, Sinking Fund, Depreciation and Obsolescence, Methods of Valuation

FCI Manager Syllabus (Electrical Mechanical Engineering) (Post Code-G)

Topics Covered in Electrical Mechanical Engineering Syllabus
Thermodynamics
Heat Transfer, Refrigeration, and Air-conditioning
Theory of Machines, Machine Design
Strength of Materials, Engineering Materials
Production Engineering, Industrial Engineering
Production Planning and Control
Material Handling
Electrical Circuits, Network Theorems, EM Theory

Electrostatics, Material Science (Electric Materials), Electrical Measurements

Elements of Computation Power Apparatus and Systems (Power System: Power Generation; Thermal, Hydro, Nuclear & Solar Power Production and Transmissions)

Electromechanics, Control Systems, Electronics and Communications, Estimation and Costing, Use of Computers

FCI Manager Syllabus (Hindi) (Post Code-H)

Paper 3 (Duration-90 minutes) (120 Marks)

General Hindi

General English

General Awareness

General Intelligence

Computer Awareness

Management and Current Affairs

Paper 4 (Duration-90 minutes) (120 Marks)

Topic

Translation from Hindi to English

01 Passage for Translation from Hindi to English (30 Marks)

Translation from English to Hindi

01 Passage for Translation from English to Hindi (30 Marks)

Essay in Hindi

01 Essay in Hindi (30 Marks)

Precis Writing in English	01 Precs Writing in English (30 Marks)
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Keyboard Layouts	Topic
Inscript	Inscript
Remington (GAIL)	Remington (GAIL)

FCI Manager Exam Pattern 2024

Paper I will be followed by Paper II for candidates applying for postings with codes D, E, F, and G. One engineering session will be used for the Paper I and Paper II online tests.

Applicants submitting applications for Postcode H will be listed in Paper III, and then Paper IV. Paper III and Paper IV online tests will be administered in one sitting. For postcodes A, B, C, D, E, F, and G, Paper-I is frequently used. The online tests for Papers I and II and Papers III and IV will be administered all at once.

Number of Papers		Postcodes	Post
One Paper Exam	Paper I only	A	Manager (General)
		B	Manager (Depot)
		C	Manager (Movement)
Two Paper Exam	Paper I and Paper II	D	Manager (Accounts)
		E	Manager (Technical)
		F	Manager (Civil Engineering)
		G	Manager (Electrical Mechanical Engineering)
	Paper III and Paper IV	H	Manager (Hindi)

Paper Type	No. of Questions / Marks	Time
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Paper 1	120 Questions/ 120 Marks	90 Minutes
Paper 2	60 Questions/ 120 Marks	60 Minutes
Paper 3	120 Questions/ 120 Marks	90 Minutes
Paper 4	i) 01 Passage for translation from Hindi to English (30 Marks) ii) 01 Passage for translation from English to Hindi (30 Marks) iii) 01 essay in Hindi (30 Marks) iv) 01 Precis Writing in English (30 Marks).	90 Minutes