



No.A9/DR/Cl.I & II/2025-S

dated 21.08.2026

NOTICE

All candidates are hereby informed that the syllabus prescribed for the examination is enclosed herewith for information and necessary preparation.

The date, time & venue of the examination will be intimated at least 21 days prior to the date of examination.

Candidates are advised to regularly check the official website of the Cochin Port Authority for further updates in this regard.

Encl.: Examination Syllabus

Sd/-
Sr. Deputy Secretary

SYLLABUS FOR THE POST OF ACCOUNTS OFFICER

UNIT 1: ACCOUNTING

- a) Accounting Standards – GAAP - AS - applicability, interpretation, scope and compliance-IFRS-Ind AS
- b) Company Accounts - Presentation of Financial Statements as per Schedule III of Companies Act 2013 - Statement of Profit or Loss, Balance Sheet Cash flow statement
- c) Accounting of Banking, Electricity and Insurance Companies
- d) Accounting for Cooperative Societies
- e) Branch and Departmental Accounts (including foreign branches)
- f) Accounting for non-profit organisations and incomplete records
- g) Computerized Accounting System

UNIT 2: AUDITING

- a) Nature and scope and significance of auditing
- b) Audit Engagement, Audit Programme, Audit working papers , Audit note book audit evidence and audit report
- c) Internal check, internal control and internal audit- industry specific
- d) Reporting requirements of under companies act - report vs certificate, contents of the report- and qualifications in the report.
- e) Cost audit and Secretarial audit
- f) Auditing of difference types of undertaking - education, hospitals, cooperative societies, banks, trusts, municipalities

UNIT 3: FINANCIAL MANAGEMENT

- a) Meaning-objectives -scope of financial management
- b) Sources of Funds- Introduction of Financial Markets- Capital & Money Markets
- c) Cost of Capital, Capital Structure and Leverages
- d) Working Capital Management- Financing - Cash, Inventory, Receivables and Payables
- e) Dividend Decisions
- f) Risk Management - risk measurement- risk analysis- Value at Risk(VAR)- Capital Adequacy Norms in Banking Industry

UNIT 4: TAXATION

- a) Direct Taxation- Residential Status- Heads of Income and Computation of Total Income under various heads- assessment of income of different persons - TDS/TCS/Advance Tax- Income Computation and Disclosure standards (Basic Concepts only) - Taxation as applicable to Government undertaking and Cooperative Societies.
- b) Indirect Taxation- Canons of Taxation- Customs Law - Goods and Services Tax (GST) - CGST- SGST-IGST- Cess- Registration - Supply- Time of Supply- Value of Supply- Place of Supply-Input tax credit- Reverse Charge Mechanism (RCM) - Payment of Taxes.

UNIT 5: COMMERCIAL LAW, INDUSTRIAL LAW & COMPANY LAW

- a) Indian Contract Act
- b) Sale of Goods act
- c) Negotiable Instrument act
- d) Indian Partnership Act
- e) Limited Liability Partnership Act
- f) Factories act, Payment of Gratuity Act
- g) Employees Provident Fund Act 1952
- h) Employees State Insurance Act 1948
- i) Payment of Bonus Act 1965, Minimum Wages Act 1948,
- j) Companies act 2013-Promotion - Formation and related procedures – Types - Winding up

UNIT 6: MANAGEMENT ACCOUNTING

- a) Introduction to Management Accounting - Relationship between Management accounting and cost accounting
- b) Analysis and Interpretation of Financial Statements
- c) Learning Curve - concepts and its application

UNIT 7:

Cost Management - Life Cycle costing- Target Costing- Kaizen Costing- Value analysis and Engineering-Throughput Costing-Business Process Re-engineering- Back flush costing- Activity Based Costing (ABC).

UNIT 8: DECISION MAKING TECHNIQUES

- a) Marginal Costing - CVP analysis - Profit Volume Graph- Decision involving alternative choices - Make or Buy; Evaluation of Orders; Multiple scarce: Product sales:
- b) Pricing Decisions - New Product pricing- use of costs in pricing - sensitivity analysis - monopoly pricing- competitive pricing- Transfer pricing - Costing of Service Sectors
- c) Variance Analysis and Reporting- Material, Labour, Overheads, Turnover and Profit.

UNIT 9: PERFORMANCE EVALUATION & IMPROVEMENT TOOLS

- a) Balanced Score Card
- b) Supply Chain Management
- c) Du-Pont Analysis
- d) Bench Marking
- e) Six sigma, Statistical Quality Control
- f) Plan-Do-Check Action
- g) Management Information
- h) Total Productivity Management (TPM) and Total Quality Management (TQM)
- i) SWOT analysis

UNIT 10: BUSINESS VALUATION

- a) Meaning of Value, Valuation and Business Valuation
- b) Valuation Methods - Non Discounted cash flow method- Discounted Cash Flow Method- Net Present Value Method (NPV)-Profitability Index Method(PI) - Internal Rate of Return Method(IRR)
- c) Valuation of Inventory
- d) Valuation of Investments
- e) Valuation of Intangibles
- f) Valuation of Human Resources

SYLLABUS FOR THE POST OF PROGRAMMER

UNIT 1 : OPERATING SYSTEM, DATA STRUCTURES AND PROGRAMMING IN C

Operating Systems: Scheduling, Deadlocks, Memory management, file systems, disk scheduling. Process, threads and their synchronization. Real Time OS: clock synchronization and task scheduling. System initialization, booting and handling user accounts. Backup and restore, Bourne shell programming for Linux.

Data Structures: Linked List, Stack, Queue, Priority Queues, Hashing, **Binary** trees, Tree traversal, AVL trees, Graphs- shortest paths, minimum spanning trees; Sorting algorithms.

Programming in C: Operators and expressions, Control statements, Storage types, Functions, Arrays, Strings, Structures, Pointers and dynamic memory management, File Handling.

UNIT 2 : OBJECT ORIENTED PROGRAMMING THROUGH C++/JAVA

Data Abstraction, Encapsulation, Classes, Constructors and Destructors, Dynamic Memory Allocation, Inheritance, Polymorphism, Generic Classes, Exception Handling and Stream-based File Processing.

Java Programming: Java applets, Java features, byte codes, Internet classes, wrapper classes, Java multithreading (Thread class, Runnable interface, thread lifecycle, synchronization, inter-thread communication), Vector, Stack, Observer interface, Stream Tokenizer, GUI classes, Java I/O classes, Applet class, applet architecture, applet display methods and repainting.

UNIT 3: DATABASE MANAGEMENT SYSTEM

Keys, E-R Model, Normalization – 1NF to 5NF; Aggregate functions, Nested Sub queries, Views, Joined Relations, Transaction- ACID properties; Concurrency Control, triggers, stored procedures

UNIT 4: CLIENT-SERVER ARCHITECTURES AND FULL STACK WEB TECHNOLOGIES

Two and three-tier client-server architectures, web servers, HTML, XML, CSS, client-side scripting (JavaScript and VBScript), server-side scripting (PHP, JSP and ASP.NET), creation of dynamic web pages using databases, forms and sessions, AJAX, SignalR, SOAP, UDDI and Web Services.

UNIT 5: COMPUTER NETWORKS AND PROGRAMMING

Computer Networks and Security: TCP/IP and OSI/ISO reference models, network protocols, physical media, multiplexing, medium access protocols, IEEE 802.3/802.4/802.5/802.11, routing, congestion control, TCP, UDP, DNS, e-mail protocols, cryptography and network security.

UNIT 6: SOFTWARE ENGINEERING

System modelling, system engineering process, life cycle models, design and implementation, validation, evolution, automated, process support - software requirements, SRS, feasibility studies - elicitation and analysis - validation - management - system models, context models, behavior models, data models, object models, object-oriented design, design evolution, real-time software design, critical systems specifications - critical system development, software testing.

UNIT 7: MOBILE APP:

Core architectures using Flutter (Dart) / React Native or Native (Kotlin/Swift) with reactive UI state management (Bloc, Provider, Zustand, Redux), SQLite, Room, CoreData, Shared Preferences /NSUserDefaults, and caching strategies, RESTful APIs, GraphQL, JSON parsing, handling offline states, OAuth, keychain/keystore usage, and data encryption, memory leaks (detecting via LeakCanary or Instruments).

UNIT 8: AGENTIC AI:

Multi Agent AI systems, Short term/ Long term memory integration Model Context protocol (MCP), API orchestration, Agent frameworks (LangGraph, crewAI, AutoGen), Semantic chunking, sliding window strategies, parent-document retrieval, and metadata filtering, database operations using Pinecone, ChromaDB, FAISS, and Qdrant.

SYLLABUS FOR THE POSTS OF AEE(Elc/E&C) & AE(E)

UNIT 1: ELECTRICAL MATERIALS

Electrical Engineering Materials, crystal structures and defects, ceramic materials, insulating materials, magnetic materials—basics, properties and applications; ferrites, ferromagnetic materials and components; basics of solid state physics and conductors; photoconductivity; basics of nanomaterials and superconductors.

UNIT 2: ELECTRICAL CIRCUITS

Electric Circuits and Fields Circuit elements, network graph, KCL, KVL, Node and Mesh analysis, ideal current and voltage sources, Thevenin's, Norton's, Superposition and Maximum Power Transfer theorems, transient response of DC and AC networks, Sinusoidal steady state analysis, basic filter concepts, two-port networks, three phase circuits, Magnetically coupled circuits, Gauss Theorem, electric field and potential due to point, line, plane and spherical charge distributions, Ampere's and Biot-Savart's laws; inductance, dielectrics, capacitance; Maxwell's equations.

UNIT 3: MEASUREMENTS & INSTRUMENTATION

Accuracy, precision and standards; Bridges and potentiometers; moving coil, moving iron, dynamometer and induction type instruments, measurement of voltage, current, power, energy and power factor, phase, time and frequency measurement, Q-meters, oscilloscopes_ Instrument Transformers-Electronic Measuring Instruments – Multi meters-True RMS meter-Spectrum Analyzer-Power Quality Analyser- Recording Instruments-X-Y Recorder-Magnetic Recorders-Digital Data Recorder- LED and LCD Display-Transducers and their applications to the Measurement of Non-Electrical Quantities like Temperature, Pressure, Flow-rate, Displacement, Acceleration, Noise level — Data Acquisition Systems –Data Transmission Systems.

UNIT 4: CONTROL SYSTEMS

Principles of feedback, transfer function, block diagrams and signal flow graphs, steady-state errors, transforms and their applications; Routh-hurwitz criterion, Nyquist techniques, Bode plots, root loci, lag, lead and lead-lag compensation, stability analysis, transient and frequency response analysis, state space model, state transition matrix, controllability and observability, linear state variable feedback, PID and industrial controllers.

UNIT 5: ELECTRICAL MACHINES

Single phase transformers, three phase transformers - connections, parallel operation, auto-transformer, energy conversion principles, DC machines - types, windings, generator characteristics, armature reaction and commutation, starting and speed control of motors, Induction motors - principles, types, performance characteristics, starting and speed control, Synchronous machines - performance, regulation, parallel operation of

generators, motor starting, characteristics and applications, servo and stepper motors.

UNIT 6: POWER SYSTEMS

Basic power generation concepts, steam, gas and water turbines, transmission line models and performance, cable performance, insulation, corona and radio interference, power factor correction, symmetrical components, fault analysis, principles of protection systems, basics of solid state relays and digital protection; Circuit breakers, Radial and ring-main distribution systems, Matrix representation of power systems, load flow analysis, voltage control and economic operation, System stability concepts, Swing curves and equal area criterion. HVDC transmission and FACTS concepts, Concepts of power system dynamics, distributed generation, solar and wind power, smart grid concepts, environmental implications, fundamentals of power economics. Electricity distribution activities including regulatory requirements.

UNIT 7: POWER ELECTRONICS AND DRIVES

Semiconductor power diodes, transistors, thyristors, triacs, GTOs, MOSFETs and IGBTs - static characteristics and principles of operation, triggering circuits, phase control rectifiers, bridge converters - fully controlled and half controlled, principles of choppers and inverters, basis concepts of adjustable speed DC and AC drives, DC-DC switched mode converters, DC-AC switched mode converters, resonant converters, high frequency inductors and transformers, power supplies.

UNIT 8: ANALOG AND DIGITAL ELECTRONICS:

Operational amplifiers – characteristics and applications, combinational and sequential logic circuits, multiplexers, multi-vibrators, sample and hold circuits, A/D and D/A converters, basics of filter circuits and applications, simple active filters; interfaces and applications, basics of linear integrated circuits;

UNIT 9: ELECTRONIC COMMUNICATION

AM, FM and PM modulation and demodulation; Superheterodyne receiver; AGC; PAM, PWM and PPM; Information theory including Entropy, Mutual Information and Channel Capacity; PCM, DPCM, ADPCM, DM and ADM; Source encoding techniques; TDM and FDM multiplexing; Line coding techniques; Digital modulation schemes including ASK, FSK, PSK, QPSK and QAM; Performance parameters including Bandwidth, SNR, BER and Error Probability; Eye Diagram; Bandpass Sampling; Clock and Carrier Synchronization; Error Control Coding; Spread Spectrum Modulation methods.

UNIT 10: COMMUNICATION SYSTEMS

Wireless communication systems including Link Budget, Wireless Channel Characteristics, Coherence Bandwidth, Doppler Spread, Flat/Frequency Selective and Fast/Slow Fading; Multiple Access Techniques including FDMA, TDMA and CDMA; Capacity Calculation, Frequency Reuse, Channel Assignment, Handoff, Trunking and Grade of Service; Advanced Modulation Techniques including MSK, GMSK and OFDM; Cyclic Prefix, PAPR, Adaptive Equalization, Diversity, Rake Receiver, MIMO Systems, Beamforming and Capacity in Fading and Non-Fading Channels.

Microwave Communication: Signal generation using Klystron, Magnetron, TWT, Gunn Diode, IMPATT and TRAPATT; Microwave Components including Directional Coupler, T-Junctions, Isolator, Circulator, Couplers, Iris and Probes; Microwave Transistors, Stability Analysis and Microwave Measurements.

Optical Communication: Light propagation in optical fibres, Ray and Mode Theory, Fibre Structure and Materials, Attenuation and Dispersion, Optical Sources, LED and LASER Diodes, Optical Detection, PIN and Avalanche Photodiodes, WDM and Optical Networks.

Satellite Communication: Satellite Orbits, Kepler's Laws, Geostationary Satellites, Transponders, GPS Receiver and DBS/DTH.

Computer Networks and Data Communication: OSI/TCP/IP models, Routing Algorithms, Congestion Control Algorithms, MAC Protocols and Network Topologies including Bus, Ring, Star, Mesh and Hybrid Networks.

UNIT 11: DIGITAL SIGNAL AND IMAGE PROCESSING

DFT, FFT, Overlap and save methods, Butterworth and chebyshev filters, impulse invariant and bilinear transform methods, realization structures, FIR design methods, product quantization, limit cycle oscillations, scaling, Decimation and interpolation, Multirate signal processing.

Brightness, Contrast, Hue, Saturation, RGB, HSI Models, Mach band Effect, Image sampling, DCT, Histogram Equalization, Mean and median filters, Region growing segmentation, JPEG standard.

UNIT 12: VLSI AND EMBEDDED SYSTEMS

CMOS inverter, CMOS implementation of combinational logic circuits, Elmore's Constant, Pass transistor logic, Power dissipation, static and dynamic registers. Clock strategies, synchronous and Asynchronous Circuits, Adders and multipliers, PLA, PAL, FPGA.

Architecture and instruction sets of 8085, 8086 and 8051; assembly language programming; memory and I/O interfacing; microprocessor-based systems and applications.

UNIT 13: COMPUTER FUNDAMENTALS

Number systems, Boolean algebra, arithmetic functions, Basic Architecture, Central Processing Unit, I/O and Memory Organisation; peripheral devices, data representation and programming, basics of Operating system and networking, virtual memory, file systems; Elements of programming languages, typical examples.

14. Repairs and maintenance of various electrical installations.

SYLLABUS FOR THE POSTS OF AEE(C) & AE(C)

UNIT 1: BUILDING MATERIALS

Stone, Lime, Glass, Plastics, Steel, FRP, Ceramics, Aluminum, Fly Ash, Basic Admixtures, Timber, Bricks and Aggregates: Classification, properties and selection criteria; Cement: Types, Composition, Properties, Uses, Specifications and various Tests; Lime & Cement Mortars and Concrete: Properties and various Tests; Design of Concrete Mixes: Proportioning of aggregates and methods of mix design.

UNIT 2: ESTIMATION, CONSTRUCTION PRACTICE, PLANNING AND MANAGEMENT

Estimating and Costing : Principles of estimation, units, items of work, different kinds of estimates, different methods of estimation, estimation with latest project management tools and network analysis for different Types of works; Purpose, importance and requirements of rate analysis, units of measurement, preparation of rate analysis, procedure of rate analysis for items; Types of specifications, general specifications & technical specifications.

Construction - Planning, Equipment, Site investigation and Management including contract, guidelines, types of contracts, their advantages and disadvantages, Tender and acceptance of tender, Earnest money, security money, retention money, measurement book, cash book, preparation, examination and payment of bills, first and final bills, administrative sanction, technical sanction, CPWD Manual, Quality Control, Productivity, Operation Cost; Land acquisition; Labour safety and welfare; Different terms used in valuation, the role of a valuer, purpose and necessity of the same. Capitalised Value, Years purchase, sinking fund, depreciation, types of values.

UNIT 3: RCC AND STEEL STRUCTURES

- i) **Concrete and Masonry structures:** Working stress method; Limit State Method - Stress Blocks parameters, design of singly and doubly reinforced rectangular/ flanged sections, design for shear, bond, torsion and anchorage of reinforcement, limit states of deflection and cracking, design and detailing of Beams, Slabs, Columns and Footing, Design of Retaining Walls, Water tanks, Staircases and T-Beam Slab bridges; Yield line theory. Earthquake resistant design of structures; Design of Masonry Structure.
- ii) **Steel Structures: Properties** of steel sections, permissible stresses, IS Specifications; Riveted and welded joints and connections; Design of simple and compound Beams and Columns, Column bases, Roof trusses, Plate and Gantry Girders; Plate Girder Lattice Girder Railway bridges, and Bearings. Plastic analysis.
- iii) **Pre-Stressed Concrete: Basic** concepts, material for pre-stressing, losses in Pre-stress, classification of pre-stressing system; Analysis of PSC Sections.

UNIT 4: STRUCTURAL ANALYSIS

- i) Equilibrium of statically determinate beams/truss/frames/arches, drawing free body diagrams, drawing Axial Force/Shear Force/Bending Moment diagrams, determination of slopes and deflections of determinate beams using various methods, analysis of indeterminate structures by flexibility(/force / consistent deformation) method, analysis of continuous beam by theorem of three moments, analysis for different types of moving loads, use of influence line diagrams, basic principles of displacement approach, slope deflection method, moment distribution method, frame with/without sway, substitute frame method, matrix displacement method, basic principles, application to planar structures- trusses, beams and frames,
- ii) Engineering Graphics and Computer Aided Design & Applications in Civil Engineering:
Generating Drawings in AUTOCAD: Drawing of building and its components - front view, top view and sectional views of a typical residential building through AUTOCAD, top view at sill level, floor level, and roof level, Various Computer Aided Design & Applications in Civil Engineering

UNIT 5: ENVIRONMENTAL ENGINEERING

- i) **Water Supply Engineering:** Sources, Estimation, quality standards and testing of water and their treatment; Rural, Institutional and industrial water supply; Physical, chemical and biological characteristics and sources of water, Pollutants in water and its effects, Estimation of water demand; Drinking water Standards, Water Treatment Plants, Water distribution networks.
- ii) **Waste Water Engineering:** Planning & design of domestic waste water, sewage collection and disposal; Plumbing Systems. Components and layout of sewerage system; Planning & design of Domestic Waste-water disposal system; Sludge management including treatment, disposal and re use of treated effluents; Industrial waste waters and Effluent Treatment Plants including institutional and industrial sewage management.
- iii) **Solid Waste Management:** Sources & classification of solid wastes along with planning & design of its management system; Disposal system, Beneficial aspects of wastes and Utilization by Civil Engineers.
- iv) **Air, Noise pollution and Ecology:** Concepts & general methodology.

UNIT 6: GEO-TECHNICAL ENGINEERING AND FOUNDATION ENGINEERING:

- i) **Geo-technical Engineering:** Soil formation, Soil types, composition, specific gravity, water content, shape and size, grain size distribution curves, relative density, consistency of soils, unified soil classification system, IS soil classification system, field identification tests, principle of effective stress, direct shear test, unconfined compression test, Triaxial shear test : consolidated drained, consolidated undrained, unconsolidated undrained, vane shear test, shear strength of clays and sands, general principles of compaction, compaction tests, factors affecting compaction, field compaction, compaction techniques, compressibility characteristics, time rate of consolidation, coefficient of consolidation, curve fitting techniques, settlement, secondary consolidation, 3-D consolidation, vertical sand drains, earth pressure theories, earth pressure due to surcharge, retaining walls, stability analysis of retaining walls, proportioning and design of retaining walls.
- ii) **Soil exploration:** Methods of soil exploration; boring, sampling, penetration tests, correlations between penetration resistance and soil design parameters.
- iii) **Foundation Engineering:** Types of foundations & selection criteria, mechanism of load transfer in shallow and deep foundations, computation of bearing capacity in soils, settlement analysis of footings and rafts, design and testing of shallow & deep foundations; Slope stability analysis, Earthen embankments, Principles of ground modifications, sheeting and bracing of foundation excavation, Pile Foundations : Types and methods of construction, estimation of pile capacity, capacity and settlement of group of piles, proportioning of piles.

UNIT 7: SURVEY AND TRANSPORTATION ENGINEERING

- i) **Surveying and Geology:**
 - (a) **Surveying:** Classification of surveys, various methodologies, instruments & analysis of measurement of distances, elevation and directions; Map preparation; Photogrammetry; Remote sensing concepts; Satellite images and aerial photographs, GPS survey, 3-D modeling, GIS applications, Survey Layout for culverts, canals, bridges, road/railway alignment and buildings, Setting out of Curves.
 - (b) **Geology:** Basic knowledge of Engineering geology & its application in projects, Marine surveys.
- ii) **Transportation Engineering:**
 - (a) **Highways :** Planning & construction methodology, Alignment and geometric design; Traffic Surveys and Controls; Principles and design of Flexible and Rigid pavements as per CBR and IRC design methods. Construction of various layers, earthwork, WBM, GSB, WMM, various types of bituminous layers, joints in rigid pavements, hot mix plants, construction of rigid pavements.

- (b) Railways: Modes of transportation, universal scenario and Indian railways, railway track development, component parts, gauge, wheel and axle arrangement.
- (c) Air Transport: Scenario in India, national and international agencies, characteristics, site selection, airport obstructions, imaginary surfaces.

UNIT 8: FLUID MECHANICS AND HYDRAULICS

- i) **Fluid Mechanics, Open Channel Flow, Pipe Flow:** Fluid properties; Dimensional Analysis and Modeling; Fluid dynamics including flow kinematics and measurements; Flow net; Viscosity, Boundary layer and control, Drag, Lift, Pipe networks.
- ii) **Water Resources Engineering:** Multipurpose uses of Water, River basins and their potential; Irrigation systems, water demand assessment; Resources - storages and their yields; Water logging, canal and drainage design.

UNIT 9: DREDGING

Equipment and methods used in dredging operations, Dredging technologies including Computation of Dredging quantities, Environmental and operational considerations in dredging projects, Surveying and Preparation of Dredging Contract Document.

UNIT 10: PORTS AND HARBOUR STRUCTURES

- i) **Oceanographic and Hydrographic surveys:** Metocean parameters – waves, tides, currents, storm surge; wave spectra – Pierson-Moskowitz (PM)/ Joint North Sea Wave Project (JONSWAP); sediment transport & littoral drift; shoreline change modelling; hydrographic surveys – Single-Beam Echo Sounder (SBES) / Multi-Beam Echo Sounder (MBES); topographic surveys – DGPS/Total Station; geophysical surveys – SSS, sub- bottom profiler; survey instruments – ADCP, wave rider buoy, tide gauges.
- ii) **Coastal Engineering & Port Planning:** Linear & non-linear wave theories (Airy/Stokes/Cnoidal); wave transformation – shoaling, refraction, diffraction; wave forces – Morison equation, Goda formula; harbour tranquility & port layout planning; channel alignment, turning circle & berth planning; coastal processes – erosion, accretion, beach nourishment.
- iii) **Design of Coastal & Marine Structures:** Breakwaters – rubble mound (Hudson/Van der Meer), composite/caisson breakwaters; seawalls & revetments – armor sizing, filters, geotextiles; groynes & nearshore structures; berth & jetty design – pile-supported structures, trestles, platforms; mooring & berthing dolphins; fender & bollard systems; quay walls, Design and construction of reinforced soil retaining walls, coping levels, apron components; IWT structures – RCC jetties, pontoon systems, gangways.

UNIT 11. ARBITRATION AND CONCILIATION

Basic knowledge regarding latest Arbitration and Conciliation Act.

The examination will be for a total of 100 marks, of which 50 marks will be based on the syllabus prescribed for the respective post, as mentioned above, and the remaining 50 marks will cover Reasoning, Quantitative Aptitude, General Awareness, and English Language.