INDICATIVE SYLLABUS: Engineer / Executive on Fixed Term Basis (Advt. No. 04/26)

Syllabus for the post of Engineer (RE- Civil)

PART A (SUBJECT KNOWLEDGE test) (50 questions)

1: Structural Engineering

Engineering Mechanics: System of forces, free-body diagrams, equilibrium equations; Internal forces in structures; Frictions and its applications; Centre of mass; Free Vibrations of undamped SDOF system.

Solid Mechanics: Bending moment and shear force in statically determinate beams; Simple stress and strain relationships; Simple bending theory, flexural and shear stresses, shear centre; Uniform torsion, Transformation of stress; buckling of column, combined and direct bending stresses.

Structural Analysis: Statically determinate and indeterminate structures by force/ energy methods; Method of superposition; Analysis of trusses, arches, beams, cables and frames; Displacement methods: Slope deflection and moment distribution methods; Influence lines; Stiffness and flexibility methods of structural analysis.

Concrete Structures: Working stress and Limit state design concepts; Design of beams, slabs, columns; Bond and development length; Prestressed concrete beams.

Finishing of floors, walls and grade slab of various buildings.

Steel Structures: Working stress and Limit state design concepts; Design of tension and compression members, beams and beam- columns, column bases; Connections - simple and eccentric, beam-column connections, plate girders and trusses; Concept of plastic analysis - beams and frames.

2: Construction Materials and Management

Construction Materials: Structural Steel – Composition, material properties and behaviour; Concrete - Constituents, mix design, short-term and long-term properties. Construction Management: Types of construction projects; Project planning and network analysis - PERT and CPM; Cost estimation.

Site levelling and Grading, earthwork calculations.

3: Geotechnical Engineering

Soil Mechanics: Three-phase system and phase relationships, index properties; Unified and Indian standard soil classification system; Permeability - one dimensional flow, Seepage through soils – two - dimensional flow, flow nets, uplift pressure, piping, capillarity, seepage force; Principle of effective stress and quicksand condition; Compaction of soils; One- dimensional consolidation, time rate of consolidation; Shear Strength, Mohr's circle, effective and total shear strength parameters, Stress-Strain characteristics of clays and sand; Stress paths.

Foundation Engineering: Sub-surface investigations - Drilling bore holes, sampling, plate load test, standard penetration and cone penetration tests; Earth pressure theories - Rankine and Coulomb; Stability of slopes – Finite and infinite slopes, Bishop's method; Stress distribution in soils – Boussinesq's theory; Pressure bulbs, Shallow foundations – Terzaghi's and Meyerhoff's bearing capacity theories, effect of water table; Combined footing and raft foundation; Contact pressure; Settlement analysis in sands and clays; Deep foundations – dynamic and static formulae, Axial load capacity of piles in sands and clays, pile load test, pile under lateral loading, pile group efficiency, negative skin friction.

4: Water Resources Engineering

Fluid Mechanics: Properties of fluids, fluid statics; Continuity, momentum and energy equations and their applications; Potential flow, Laminar and turbulent flow; Flow in pipes, pipe networks; Concept of boundary layer and its growth; Concept of lift and drag.

Hydraulics: Forces on immersed bodies; Flow measurement in channels and pipes; Dimensional analysis and hydraulic similitude; Channel Hydraulics - Energy-depth relationships, specific energy, critical flow, hydraulic jump, uniform flow, gradually varied flow and water surface profiles.

Hydrology: Hydrologic cycle, precipitation, evaporation, evapo-transpiration, watershed, infiltration, unit hydrographs, hydrograph analysis, reservoir capacity, flood estimation and routing, surface run-off models, ground water hydrology - steady state well hydraulics and aquifers; Application of Darcy's Law.

Irrigation: Types of irrigation systems and methods; Crop water requirements - Duty, delta, evapotranspiration, Gravity Dams and Spillways; Lined and unlined canals, Design of weirs on permeable foundation; cross drainage structures.

5: Environmental Engineering

Water and Waste Water Quality and Treatment: Basics of water quality standards – Physical, chemical and biological parameters; Water quality index; Unit processes and operations; Water requirement; Water distribution system; Drinking water treatment. Sewerage system design, quantity of domestic wastewater, primary and secondary treatment. Effluent discharge standards; Sludge disposal; Reuse of treated sewage for different applications.

Air Pollution: Types of pollutants, their sources and impacts, air pollution control, air quality standards, Air quality Index and limits.

Municipal Solid Wastes: Characteristics, generation, collection and transportation of solid wastes, engineered systems for solid waste management (reuse/ recycle, energy recovery, treatment and disposal).

6: Transportation Engineering

Transportation Infrastructure: Geometric design of highways - cross-sectional elements, sight distances, horizontal and vertical alignments. Geometric design of railway Track – Speed and Cant. Concept of airport runway length, calculations and corrections; taxiway and exit taxiway design.

Highway Pavements: Highway materials - desirable properties and tests; Desirable properties of bituminous paving mixes; Design factors for flexible and rigid pavements; Design of flexible and rigid pavement using IRC codes.

Traffic Engineering: Traffic studies on flow and speed, peak hour factor, accident study, statistical analysis of traffic data; Microscopic and macroscopic parameters of traffic flow, fundamental relationships; Traffic signs; Signal design by Webster's method; Types of intersections; Highway capacity.

7: Geomatics Engineering

Principles of surveying; Errors and their adjustment; Maps - scale, coordinate system; Distance and angle measurement - Levelling and trigonometric levelling; Traversing and triangulation survey; Total station; Horizontal and vertical curves. DGPS survey, Topography using drones. Photogrammetry and Remote Sensing - Scale, flying height; Basics of remote sensing and GIS.

PART B (APTITUDE) (50 Questions)

This part will consist of **50 objective type** questions on:

1. Verbal Ability/General English
2. Quantitative Aptitude & Logical Reasoning
3. General Knowledge

INDICATIVE SYLLABUS: Engineer / Executive on Fixed Term Basis (Advt. No. 04/26)

Syllabus for the post of Engineer (RE- Electrical)

PART A (SUBJECT KNOWLEDGE Test) (50 questions)

- Design, erection, testing and commissioning of EHV and MV Substation/Switchyard, EHV and MV equipment like CT, CVT, CB, LA, ISOLATORS, EARTH SWITCHES etc., EHV & MV Transmission line, Power transformer, MV & LV Switchgear.
- Equipment and switchyard Earthing system design and philosophy.
- Lightning protection philosophy and design for substations/switchyards and buildings
- Numerical Protection system: Different types of protections for transmission Line, transformer, Switchyard, Switchgear, feeders and their working principle.
- Substation automation system and their working principle and communication protocols, data telemetry.
- Fundamental laws of electrical engineering circuit parameters, elementary network theory forced and transient response, sinusoidal steady state response three-phase circuits, magnetic circuit and transformers, Kirchhoff's Laws: KCL, KVL and their limitations.
- Classification of devices of an electrical circuit; Basic devices: resistors, controlled sources, diodes, capacitors and inductors, ideal transformers.
- Basic circuit analysis methods: nodal, mesh and modified nodal analysis. Transient analysis of RL, RC and RLC circuits.
- Network Theorems: superposition theorem, Thevenin-Norton theorem, substitution theorem, reciprocity theorem, Maxpower-transfer theorem, star-delta- transformation.
- Steady state sinusoidal analysis: phasors, phasor diagrams; Power in ac circuits, network analysis methods and network theorems recalled; Polyphase circuits. Circuits with ideal transformers.
- Semiconductor Diodes: Barrier formation in metal-semiconductor junctions, PN homo- and hetero- junctions; CV characteristics and dopant profiling; IV characteristics.
- Components of a power system; Modelling and representation of transformers, synchronous machines, and sub- systems; Per-unit representation. Transmission Lines: ABCD parameters; Classification; Travelling wave equation for a long line; Surge impedance; Voltage profile along the line; Ferranti effect; Steady-state performance - efficiency and regulation.
- Load-flow studies: Steady-state analysis of power network; Gauss-Seidel and Newton-Raphson methods; Reactive power compensation and Flexible AC Transmission Systems (FACTS) devices; Tap-changing and phase-shifting transformers. Penalty factors including real losses; Automatic generation and control; Steady-state analysis and dynamic response of a single area system. Fault analysis: Symmetrical 3-phase faults; Symmetrical components; Unsymmetrical faults. Transient stability studies: Swing equation Equal area criterion; Step-by-step solution of swing curve. Introduction to protection; Introduction to HVDC systems.
- Power electronic devices: Power diodes, power transistors, thyristors, GTO, their characteristics, ratings, protection, and cooling; Power circuit topologies: Series parallel operation of devices; Firing and typical control circuits.
- Power electronic converters: Phase controlled (AC/DC), 1-phase/3-Phase, semi/full; Analysis and performance with passive load, typical control circuit; Harmonics and power factor; Voltage controllers (AC/DC), 1-phase/3-phase.

- Network communication: Communication protocols, network topology, communication architecture, cyber security guidelines, firewalls, controllers, network switches, communication cables, instrumentation cables, concept of master slave, server-client.
- Design, erection, testing and commissioning of Power and control cables, battery system and energy management system, energy meters.

PART B (APTITUDE) (50 Questions)

This part will consist of **50 objective type** questions on:

1. Verbal Ability/General English
2. Quantitative Aptitude & Logical Reasoning
3. General Knowledge

INDICATIVE SYLLABUS: Engineer / Executive on Fixed Term Basis (Advt. No. 04/26)

Syllabus for the post of Engineer (RE- Mechanical)

PART A (SUBJECT KNOWLEDGE Test) (50 questions)

1: Turbomachines

Classification - Basic laws and equations.
Hydraulic turbines; Pelton, Francis, and Kaplan turbines - Turbine efficiencies - Cavitation in turbines.
Centrifugal pumps; theory, components, and characteristics - Cavitation - Axial flow pumps.
Centrifugal and axial flow compressors; slip, surging and choking.

2: Strength of Materials

Axial and shear stresses and strains
Shear force and bending moment diagrams for beams subjected to different types of loads – Theory of simple bending and assumptions.
Springs
Torsion of solid and hollow circular shafts – Power transmission, strength and stiffness of shafts.
Testing of Materials & Strength

3: Engineering Thermodynamics

Review of basic concepts of thermodynamics
Vapour power cycles - Rankine cycle - Otto, Diesel, dual, Stirling and Brayton cycles.

4: Thermal Engineering

Reciprocating air compressors - types - construction - Compressor efficiencies and mean effective pressure.
Working of two and four stroke engines for SI and CI engines

5: Material Science & Engineering Metallurgy

Atomic Arrangement and Phase Diagrams - Structure of metals and alloys, Critical temperature - Plain carbon steel and other steels.
Heat Treatment of steel.
Structure of Composites, Plastics, Adhesives
Corrosion & its Prevention
Testing of Materials - tensile testing procedure, stress strain curve Hardness testing, Fatigue testing: Creep testing.

6: Mechanics of Machines

Mechanisms - classification of mechanisms, Kinematic inversions, slider crank mechanism
Gears Trains - Law of gearing - profile for gears
Static and dynamic force analysis of mechanisms, Balancing of rotating/reciprocating masses, Governors
Vibrations - free and forced vibrations, degree of freedom; Vibration control - Passive and active control

7: Design of Mechanical Drives

Introduction to transmission elements - Positive and friction based drives.
Design of material handling & conveying systems - flat and V-belts, rope and chain drives.
Design of various types of gears - Force analysis
Design of Shafts, couplings, screws, fasteners

8: Fluid Mechanics

Basic concepts - Fluid properties - Basic hydrostatic equation - Submerged and floating bodies.
Hydrostatic equations for incompressible and compressible fluids
Buoyancy and equilibrium of floating bodies
Fluid dynamics - Laminar and turbulent flows - Flow through pipes, Boundary layer concept - Lift & Drag

9: Industrial Economics

Demand and Supply – Forecasting techniques – Cost and Revenues.
Trade cycle – Inflation – Index numbers – Capital budgeting – Cash flow analysis – Balance sheet.
Exchange Rate determination – Marketing research – Branding.

10: Renewable Energy

Solar energy - Solar radiation - Heat transfer equations - Solar thermal energy conversion - Efficiencies - Solar photo voltaic energy.
Wind energy - Data and energy estimation, Conversion - Wind mill - Performance, applications
Hydrogen & Fuel cell concepts
Bio energy - Conversion - bio degradation - Biogas generation - Fuel properties - Biomass gasifier.

PART B (APTITUDE) (50 Questions)

This part will consist of **50 objective type** questions on:

1. Verbal Ability/General English
2. Quantitative Aptitude & Logical Reasoning
3. General Knowledge

INDICATIVE SYLLABUS: Engineer / Executive on Fixed Term Basis (Advt. No. 04/26)

Syllabus for the post of Executive (RE- HR)

PART A (SUBJECT KNOWLEDGE Test) (50 questions)

- Human Resource Management
- Human Resource Planning
- Recruitment & Selection
- Human Resource Development: Strategies and Systems
- Performance Management & Appraisal
- Competency Mapping
- Training and Development
- Management of Compensations and Benefits
- Rewards & Recognition
- Human Capital Management & HR Audit
- Organizational Structure Design/Development and Change
- Management Process and Organizational Behaviour
- Management of Change and Organization Effectiveness
- Managing Interpersonal and Group Processes
- Emotional Intelligence and Managerial Effectiveness
- Transactional Analysis
- Corporate Communication
- Industrial Relations & Trade Unions
- Labour Codes(Code on Wages/Code on Industrial Relations/Code on Social Security/Code on Occupational Health , Safety, Working Conditions
- Conflict Management
- Collective Bargaining and Negations process
- Grievance Management
- Contemporary IR
- Business Ethics, Corporate Governance & Social Responsibility
- Understanding Society and Social Structure
- Computer Applications in Business
- Management Information Systems
- Human Resource Information System
- Total Quality Management (TQM)
- Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013

PART B (APTITUDE) (50 Questions)

This part will consist of **50 objective type** questions on:

1. Verbal Ability/General English
2. Quantitative Aptitude & Logical Reasoning
3. General Knowledge

INDICATIVE SYLLABUS: Engineer / Executive on Fixed Term Basis (Advt. No. 04/26)

Syllabus for the post of Executive (RE- Finance)

PART A (TECHNICAL/ SUBJECT KNOWLEDGE) (50 questions)

1: Financial Accounting

- Accounting Standards
- Preparation and Analysis of Financial Statements
- Corporate Accounts
- Indirect & Direct - Tax Management
- Auditing
- Corporate & Industrial Laws

2: Cost & Management Accounting

- Costing Techniques
- Cost Audit
- Project Planning, Financing, Analysis and Management
- Quantitative Techniques
- Operation & Project Management Control

3: Financial Management

- Management Science
- International Financial Management
- Risk Management
- Capital Market Analysis
- Financial Derivatives
- Security Analysis and Investment Management
- Working Capital Management
- Capital Structure
- Capital Budgeting (NPV, IRR, Payback)

4: General

- Managerial Economics
- Management Information Systems
- Computer Applications in Business
- Management Control System
- Renewable Energy Finance
- Power Sector Regulations
- Current Affairs related to Energy, PSU and Finance

PART B (APTITUDE) (50 Questions)

This part will consist of **50 objective type** questions on:

1. Verbal Ability/General English
2. Quantitative Aptitude & Logical Reasoning
3. General Knowledge

INDICATIVE SYLLABUS: Engineer / Executive on Fixed Term Basis (Advt. No. 04/26)

Syllabus for the post of Engineer (RE-Safety)

PART A (SUBJECT KNOWLEDGE Test) (50 questions)

1: Incident Command and Fire Ground Management

- Principles of Incident Command System
- Roles and Responsibilities of Command Officer
- Fire Ground Organization
- Size Up and Situation Assessment
- Resource Deployment Strategy
- Decision Making at Fire Scene
- Multi Agency Coordination

2: Fire Prevention and Safety Management

- Principles of Fire Prevention
- Fire Safety Regulations and Codes
- Hazard Identification and Risk Assessment
- Inspection of Buildings and Premises
- Fire Safety Audits
- Public Fire Safety Awareness
- Enforcement of Fire Safety Measures

3: Safety Health and Environment Management

- Principles of safety health and environment management
- Safety policy objectives and organizational responsibilities
- Planning organizing and monitoring of safety activities
- Role and responsibilities of safety officers
- Safety committees and employee participation
- Safety culture and promotion of safety consciousness
- Human factors and behavioural aspects of safety
- Safety communication motivation and leadership

4: Occupational Safety Legislation and Statutory Compliance

- Factories Act and applicable Factories Rules
- Statutory duties of occupiers managers and safety officers
- Provisions relating to health safety and welfare
- Reporting of accidents dangerous occurrences and occupational diseases
- Safety provisions under electricity and boiler regulations
- Legal requirements for hazardous processes and substances
- Contract labour and employee compensation provisions

- Maintenance of statutory registers records and returns
- Inspection notices compliance reporting and legal documentation

5: Hazard Identification and Risk Management

- Hazard identification and workplace risk assessment
- Job Safety Analysis and Job Hazard Analysis
- Hazard and Operability Study
- Failure Mode and Effects Analysis
- Fault Tree and Event Tree Analysis
- Risk ranking and risk control hierarchy
- Maximum Credible Accident analysis
- Safety Integrity Level fundamentals
- Management of Change
- Control of major accident hazards

6: Fire Prevention and Fire Protection

- Chemistry of combustion and classification of fires
- Common causes of industrial and electrical fires
- Fire prevention practices in factories and power plants
- Portable fire extinguishers and their applications
- Fire hydrant sprinkler foam and suppression systems
- Fire detection alarm and communication systems
- Storage and handling of flammable materials
- Fire-load assessment and fire-safe building design
- Fire-fighting methods and equipment
- Self-contained breathing apparatus
- Fire-fighting training and mock drills
- Inspection testing and maintenance of fire-protection systems

7: Safety Training and Awareness

- Training-needs identification
- Preparation of safety training plans
- Induction training for employees and contractors
- Job-specific and refresher safety training
- Toolbox talks and pre-job safety briefings
- Fire-fighting first-aid and emergency-response training
- Development of safety posters campaigns and communication materials
- Assessment of training effectiveness
- Maintenance of training and competency records
- Promotion of employee safety participation

8: Industrial Hygiene and Occupational Health

- Principles of industrial hygiene
- Recognition evaluation and control of workplace hazards
- Chemical dust gas fume vapour and aerosol hazards
- Noise vibration illumination ventilation and heat stress
- Workplace exposure monitoring and permissible exposure limits
- Occupational diseases and preventive measures
- Pre-employment and periodic medical examinations
- Medical surveillance and occupational health records
- Ergonomics workplace design and manual handling
- First aid burns fractures bleeding and resuscitation

PART B (APTITUDE) (50 Questions)

This part will consist of **50 objective type** questions on:

1. Verbal Ability/General English
2. Quantitative Aptitude & Logical Reasoning
3. General Knowledge

INDICATIVE SYLLABUS: Engineer / Executive on Fixed Term Basis (Advt. No. 04/26)

Syllabus for the post of Executive (RE – CSR)

PART A (SUBJECT KNOWLEDGE Test) (50 questions)

1: Rural Development

- Dimensions And Strategies
- Planning N Regional Focus
- Pioneering Efforts In Rural Reconstruction
- Approaches To Rural Development
- Socio-economic Dimensions
- Poverty
- Education In Rural Areas
- Health Services In Rural Areas
- Housing-welfare
- Rural Infrastructure
- Rural Infrastructure
- Technology Missions For Rural Development

2: Indian Rural Economic Scene

- Economic Dimensions
- Agriculture
- Allied Activities
- Rural Non-farm Sector

3: Cooperation

- Cooperation/Cooperatives

4: Rural Energy

- Non-conventional Sources

5: Indian Rural Social Scene

- Rural Communities
- Individual And Society
- Rural Social Structure
- Social Change
- Social Change In India
- Rural Leadership

6: Evolution Of Pris

- Evolution Of Pris
- Economics Foundations

7: Elements Of Farm Management

- Farm Managerial Functions

8: Food Security And Subsidies

- Right To Food

9: Rural Industrialization N Entrepreneurship

- Rural Industrialization

10: Environmental Economics

- Environmental Economics
- Theories Of Environmental Management
- Environmental Valuation
- Methods Of Environmental Protection
- Environment And Social Issues

11: Natural Resources Management

- Land Use Pattern In India
- Soil And Moisture Conservation
- Problems With Irrigation
- Forest Resources

12: Participatory Forest Management

- Participatory Forest Management

13: Non-timber Forest Produce

- Non-timber Forest Produce
- Indicators For Sustainable Management Of Natural Resources
- Sustainable Management Of Natural Resources Indicators

14: HRD N Management In Rural Sector

- Dimensions Of HRD
- Human Development Index At State
- Institutional Arrangements For Promotion Of HRD
- Educational Programmes

15: HR Management In Rural Institutions

- HR Management In Rural Institutions

16: Micro Finance Shgs And Women Empowerment

- Microfinance-shgs-women Empowerment
- Gender In Development
- Women Empowerment
- Micro Finance
- Self-help Self-help Groups And Self-help Promotion

17: SHGs

18: Participatory Rural Appraisal

- Participatory Approaches For Learning
- Application Of Pra-tools Of PRA
- Capacity Building N Empowerment
- Leadership Building
- Participatory Approaches

19: Rural Project Planning-management

- Rural Project Planning
- Logical Framework Analysis
- Logical Framework Project Steps
- Measures Of Project Worth
- Project Planning
- Project Evaluation
- Impact Assessment
- Monitoring And Evaluation

20: Non-gov Organizations-rural Development

- Non-gov Organizations
- Interface Between Ngos N Gos
- Societies Registration Act 2001
- NGO Fcra Registration-funding Agencies
- Central N State Gov International Donors
- Non-gov Organizations
- CARE Rural Development Trust
- Types Of Sampling

21: Ngos And Rural Development

- Ngos-voluntary Action

PART B (APTITUDE) (50 Questions)

This part will consist of **50 objective type** questions on:

1. Verbal Ability/General English
2. Quantitative Aptitude & Logical Reasoning
3. General Knowledge

INDICATIVE SYLLABUS: Engineer/Executive on Fixed Term Basis (Adv. No. 04/26)

Syllabus for the post of Executive (RE – Rajbhasha)

PART A (SUBJECT KNOWLEDGE Test) (50 questions)

1: भाषा का वैविध्य: भाषा और बोली, मातृभाषा, संपर्क भाषा, राष्ट्रभाषा, राजभाषा।

2: राजभाषा संबंधी संवैधानिक उपबंध: अनुच्छेद 120 एवं 210, अनुच्छेद 343 से 351।

3: राजभाषा संबंधी राष्ट्रपति के आदेश एवं संकल्प।

4: राजभाषा अधिनियम, 1963; संकल्प, 1968; नियम, 1976 (यथा संशोधित)।

5: राजभाषा वर्गीकृत क्षेत्र एवं सम्बद्ध अनुदेश।

6: राजभाषा संसदीय समिति, हिंदी सलाहकार समिति, साध्य समिति, केंद्रीय हिंदी समिति।

7: नगर राजभाषा कार्यान्वयन समिति (नराकास) एवं राजभाषा हिंदी से जुड़ी संस्थाएँ।

8: प्रारूपण एवं मसौदा लेखन: अंग्रेजी तथा हिंदी में।

9: अनुवाद: प्रकार, आवश्यकता एवं प्रायोगिक अनुवाद।

10: तकनीकी अनुवाद: सारथी एवं अनुवाद से जुड़े अन्य सॉफ्टवेयर जैसे कि भाषिणी एवं अनुवादिनी।

11: यूनिकोड: परिचय एवं प्रयोग।

12: हिंदी में कंप्यूटर संचालन में प्रवीणता: एम.एस. ऑफिस, एम.एस. वर्ड, ई-मेल आदि।

13: हिंदी दिवस, विश्व हिंदी दिवस, मातृभाषा दिवस: इतिहास, परिचय तथा अनुपालन।

14: हिंदी व्याकरण का ज्ञान: वर्तनी, उच्चारण, वाक्य रचना, अशुद्धि, मुहावरे, कहावत, लोकोक्तियाँ, पर्यायवाची, वाक्य-विन्यास, विलोम, अनेकार्थी शब्द, काल, संधि, समास, लिंग, कारक।

15: हिंदी भाषा, साहित्य, देवनागरी लिपि का इतिहास एवं विकास।

16: हिंदी की बोलियाँ: परिचय एवं क्षेत्र।

17: राजभाषा संबंधी पुरस्कार योजनाएँ।

18: हिंदी का अंतरराष्ट्रीय स्वरूप।

19: हिंदी: काव्य एवं गद्य विधाएँ तथा उनका विकास / आधुनिक साहित्य।

20: हिंदी के लिए उपयोग होने वाले विभिन्न सॉफ्टवेयर / ई-टूल्स: उपयोग की जानकारी एवं अनुभव।

21: हिंदी साहित्य का इतिहास।

22: आधुनिक हिंदी साहित्य एवं प्रवासी साहित्य।

23: हिंदी पत्रकारिता: उद्भव एवं विकास।

24: डिजिटल युग में हिंदी के लिए चुनौतियाँ तथा अवसर।

25: गृह मंत्रालय द्वारा जारी वार्षिक कार्यक्रम का अनुपालन।

PART B (APTITUDE) (50 Questions)

This part will consist of **50 objective type** questions on:

1. Verbal Ability/General English
2. Quantitative Aptitude & Logical Reasoning
3. General Knowledge