

(ii) Candidate(s) should note that the Date of Birth as recorded in the Matriculation/ Secondary Examination Certificate, all marks sheet of Matriculation /10th Standard or equivalent issued by Central/ State Board will be considered.

(8) APPLICATION FEE:-

Candidate(s) will have to make the payment of Application Fees through the Online Mode as under:

Table G: Table showing details of Examination fee

Unreserved (UR) /OBC- Non Creamy Layer / EWS	Rs. 1000.00/- plus applicable GST Rs. 180/- totaling Rs. 1180/- (Rupees One Thousand One Hundred Eighty Only)
SC/ ST/ ESM / PwBD/ Departmental Candidates	Nil

Note 1: Applications without the prescribed fee will not be entertained and summarily rejected.
No representation against such rejection would be entertained.

Note 2 : Fee once paid shall neither be refunded nor be adjusted under any circumstances.

Note 3 : Any tax or Bank charges other than the application fees will be borne by the candidate.

Note 4 : Application fee will be paid through online mode only. There will be no other mode for payment of application fee. NCL will not be responsible, in case a candidate deposits the fee in any wrong account.

(9) ACTION AGAINST CANDIDATES FOUND GUILTY OF MISCONDUCT:

- I. At the time of Computer Based Test, if a candidate is found guilty of using unfair means or impersonating or misbehaving in the examination hall or resorting to any other unfair means in connection with his/her candidature for the selection; or obtaining support of his/ her candidature by any means, such candidates will be liable to criminal prosecution and will be disqualified from the Computer Based Test. The Company may also debar such candidates from participating in any selection process in the Company in future.
- II. If it is detected that any candidate has furnished any false information / particulars with regard to his/her qualification, Category/Caste and experience in the Application Form or in any document and/ or misrepresented/ suppressed any material fact in the application form, for securing appointment, his/ her service will be terminated forth with during probation period or even after confirmation of the service.
- III. Canvassing in any form will be treated as dis-qualification.

(10) SELECTION PROCESS:

- I. Eligible candidates meeting the minimum eligibility criteria as on the Crucial Date, as specified in this Notification, will be required to appear for a Computer Based Test. The selection will be based on a candidate's relative score in the Computer Based Test.
- II. Candidates will be allowed to appear in the Computer Based Test merely on the basis of their declaration regarding their eligibility as mentioned in the online application form. Scrutiny/ Verification of the claims of the candidate(s) of their eligibility for a post applied will be done post declaration of results of the Computer Based Test. Such scrutiny/ verification will be done only for those candidates who shall pass the Computer Based Test as per the laid down cut-off marks (Minimum Qualifying Marks).
- III. Computer Based Test will be conducted separately for each post. The Computer Based Test will be of 100 Marks for 90 minutes duration (in one sitting), comprising two sections (Section-A & Section-B); Section 'A' will consist of technical knowledge (discipline related) with 70 multiple choice questions (MCQs) and Section 'B' will consist of General Knowledge, General Awareness, Reasoning, Verbal & Mental Ability and Quantitative Aptitude with 30 marks multiple choice questions (MCQs). Each question will carry 01 mark and there is no penalty for wrong answer. No marks will be awarded for un-attempted questions. The question paper shall be

bilingual i.e. in English and Hindi only. However, in case of any error/ambiguity in Hindi version, the English version of the question shall be valid and final.

- IV. Indicative syllabus for the Computer Based Test is attached as **Annexure-A**.
- V. **TEST CITIES:** The Computer Based Test will be held at Test Cities as mentioned in the online application form. Candidates may opt for the Test Cities from the list as per their preference and the same cannot be changed after the online application form is submitted. NCL reserves the right to allocate any Test City or change the Test City opted by the candidate. NCL reserves the right to add or delete any Cities(s) from the list based on the number of applicants.
- VI. Selection of candidates in the merit panel will be subject to securing of cut-off marks (*Minimum Qualifying Marks*) in the Computer Based Test for the concerned position with respect to their category as mentioned in '**Table H**' and fulfilling prescribed eligibility criteria:

Table H: Table showing Minimum Qualifying Marks (cut-off marks) to qualify in merit list.

Positions	Maximum	Category of Candidates	Minimum Cut-Off Marks required for Selection out of Maximum Marks
<i>All notified positions</i>	100	UR , EWS	50 marks
		SC/ ST/ ESM/ OBC-NCL/ PwBD	40 marks

- VII. In cases where more than one candidate secures equal marks in the Computer Based Test conducted for the any of the three positions, ***tie will be resolved*** by applying the following methods one after another: (i) The candidate with higher score in Section-A will be preferred; Then (ii) Date of Birth, with older candidates, will be preferred and then (iii) Alphabetical order in which names of the candidates appears.
- VIII. Result of the Computer Based Test will be published on NCL website as early as possible after successful completion of the Computer Based Test.
- IX. Such candidates who would score equal or above the Minimum Qualifying Marks (Cut-Off as provided in Table H) would only be notified for appearing for scrutiny/ verification of their testimonials supporting their claim of candidature, in the order of their marks scored in the Computer Based Test for three different positions separately up to the extent the positions remain un-filled . The candidates shall have to appear along with all original certificates/ documents as per eligibility criteria notified in this Employment Notification for scrutiny/ verification. The date, time and venue for scrutiny/ verification would be notified on NCL website and the candidates shall have to report accordingly. In the event of failure to report with all original certificates and testimonials within the stipulated time, the candidature of such candidate shall stand cancelled automatically without further notice.
- X. Provisional merit panels of candidates who secure the requisite cut-off marks stipulated above and fulfilling the eligibility criteria will be published, in the order of marks scored, after resolving tie as prescribed, on NCL website in respect of different Positions.
- XI. The vacancies for the positions of '**Assistant Foreman (Mechanical) (Trainee) Grade-C**' & '**Assistant Foreman (Electrical) (Trainee) Grade-C**' as mentioned in '**Table A**' belong to two different cadres' i.e; Excavation Cadre (Excv.) and Electrical & Mechanical (E&M) Cadre as mentioned under '**Table B**'. All candidates applying for a position of '**Assistant Foreman (Mechanical) (Trainee) Grade-C**' & '**Assistant Foreman (Electrical) (Trainee) Grade-C**' will be deemed as have applied for both Excavation Cadre and Electrical & Mechanical (E&M) Cadre, as the required qualifications are the same for appointment to both the cadre. Separate merit list for each position and cadre will be prepared as explained under clause 10 (IX & X). Provisional Merit Panel of Excavation cadre will be prepared first (following reserved positions in different categories i.e. UR, SC, ST, OBC-NCL, EWS) in the order of merit position of the candidates and on filling of vacancies in Excavation cadre, vacancies of E&M cadre will be filled in each category following reserved positions in different categories i.e. UR, SC, ST, OBC-NCL, and EWS with the remaining candidates.

अनुलग्नक - 'ए' /ANNEXURE -'A'

Section A (1-70 questions, MCQ of one mark each) -70 Marks

खण्ड ए (1-70 प्रश्न, 70 वस्तुनिष्ठ प्रश्न प्रत्येक 1 अंक का) - 70 अंक

Questions related to technical knowledge of discipline as per current curriculum of Indian Universities/Institutes (Indicative syllabus has been given below) / भारतीय विश्वविद्यालयों/संस्थानों के वर्तमान पाठ्यक्रम के अनुसार तकनीकी ज्ञान से संबंधित प्रश्न) सांकेतिक पाठ्यक्रम नीचे दिया गया है।

Detailed indicative syllabus for Section A (Technical section specific to different post) has been given in subsequent pages.

Name of the Post: Assistant Foreman (E&T) T&S Gr - C

1. Networks Theory

Basic of Network Theory. Nodal and Mesh analysis. Network Theorems- Superposition Theorem, Thevenin and Norton's Theorem, maximum power transfer Theorem. Star-Delta transformation, Duality. Steady state sinusoidal analysis, Time domain analysis of simple linear circuits, Frequency domain analysis of RLC (Series and Parallel) circuits. Two port network parameters. Graph Theory.

2. Digital Electronics

Number systems, Code converters: BCD, Binary, IEEE, Octal other codes, Combinatorial Circuits. Boolean algebra. Karnaugh map. CMOS implementations. Arithmetic Circuits. Multiplexers. Encoder & Decoders. Sequential circuits- latches and all flip-flops, counters, shift-registers. Data converters- ADC (Analog to Digital Converter) and DAC (Digital to Analog Converter).

3. Semiconductor memories- ROM (Read Only Memory), SRAM (Static Read Access Memory), DRAM (Dynamic read Access Memory)

4. Microprocessor (8085-8 Bit)- Architecture, All Instruction, Programming, memory.

5. Signal and System

Signal Operation- Time Shifting, Scaling, & Reversal. System- Linear, causality, stability. Fourier series and Fourier transform representations, sampling theorem. Discrete-Time signals discrete-time Fourier transform, DFT (Discrete Fourier transform), FFT, and Z- transform. LTI systems- Properties, frequency response, group delay, phase delay.

6. Electronic Devices Circuits (EDC)

Energy bands in intrinsic and extrinsic silicon. Carrier transport- diffusion current, Drift current, Mobility and Resistivity, Diffusion constant, Generation and recombination of carriers. Diode, BJT (Bipolar Junction Transistor). P-N junction Transistor, Zener diode, MOSFET, LED (Light Emitting Diode), a photodiode and solar cell. Thyristor (SCR), Triac Diode, GTO, an IGBT, DC to DC conversion, Rectifier, Chopper.

7. Analog Electronics

BJT (Bipolar Junction Transistor), and MOSFETs, Simple diode circuits- clipping, clamping, and rectifiers. BJT and MOSFET amplifiers- multi-stage, differential, feedback, power and operational, Operational Amplifier circuits, Active filters. Oscillators- criterion for oscillation, RC Phase Shift, using transistor and FET, Wein bridge, Clapp's, Colpitts oscillator only Formula. Function generators, wave-shaping circuits and 555 timers, Voltage reference circuits, Power supplies- ripple removal and regulation. Cathode Ray Oscilloscopes (CRT), Multimeters, and Digital voltmeters.

8. Control Systems

Basic control system, Transfer function meson's formula, Block diagram representation, Signal flow graph. Transient and steady-state analysis of LTI systems- First and Second Order System. Frequency response- Routh-Hurwitz criterion, Polar Plot analysis, and Nyquist.

9. Analog Communication System

Amplitude modulation and demodulation For Sinusoidal, Rectangular and Triangular Signal, Angle modulation(Frequency and Phase Modulation) and demodulation, AM and FM Spectrum Analysis, super heterodyne receivers.

10. Digital communications

PCM (Pulse Code Modulation), DPCM (Delta Pulse Code Modulation), digital modulation schemes. Bandwidth Calculation, SNR (Signal to Noise ratio) and BER/Probability error for digital modulation, Fundamentals of error correction, Hamming codes, Inter-symbol interference. Basics of TDMA, FDMA, and CDMA (Code-division Multiple access). Information theory- Entropy, mutual information and channel capacity theorem.

11. Electromagnetics

Electrostatics, Maxwell's equations, wave equation, Poynting theorem & vector. Plane waves- Reflection and refraction, polarization, phase and, group velocity, calculation of skin depth. Transmission lines- Equations, characteristic impedance, impedance matching, impedance transformation, S-parameters, Smith chart. Waveguides- Basic of Waveguides

12. Antennas- Basic Concept, Definition, Types of Antenna, radiation pattern, gain, and directivity return loss etc.

13. Computer Networking

Network features-Network topologies, protocols- TCP/IP, UDP, FTP, models, types, network components, network medias, Specification and standards, types of cables, UTP, STP, Coaxial cables. Network components like hub, Ethernet switch, router, NIC Cards, connectors, media and firewall. Difference between PC & Server.

14. Voice Communication

Telephone instruments and signals: Introduction, the subscriber loop, standard telephone set, basic call procedure, cordless telephones, electronic telephones. Telephone circuit: Introduction, the local subscriber loop, channel noise and units of power measurements. transmission parameters, voice frequency circuit arrangements. Public telephone network: Transmission system, public telephone network, automated central office switches and exchanges, telephone switching hierarchy, common channel signaling system. Multiplexing of telephone channels: TDM, digital hierarchy, digital carrier line encoding, T-carrier systems, digital carrier frame synchronization, FDM, WDM. Digital telephony: Introduction, voice digitization, TDM of PCM signals, digital carrier, Fractional T-Carrier Service, Data Terminal, Digital Carrier Line Encoding, Error Detection, T Carrier System, T-1 Carrier System.

Name of the Post: Assistant Foreman (Mechanical) T&S Gr - C

1. Theory of Machines and Machine Design Concept of simple machine, Four bar linkage and link motion, Flywheels and fluctuation of energy, Power transmission by belts V-belts and Flat belts, Clutches - Plate and Conical clutch, Gears - Type of gears, gear profile and gear ratio calculation, Governors - Principles and classification, Riveted joint, Cams, Bearings, Friction in collars and pivots.
2. Engineering Mechanics and Strength of Materials: Equilibrium of Forces, Law of motion, Friction, Concepts of stress and strain, Elastic limit and elastic constants, Bending moments and shear force diagram, Stress in composite bars, Torsion of circular shafts, Bucking of columns - Euler's and Rankin's theories, Thin walled pressure vessels.
3. Thermal Engineering Properties of Pure Substances: p-v & P-T diagrams of pure substance like H₂O, Introduction of steam table with respect to steam generation process; definition of saturation, wet & superheated status. Definition of dryness fraction of steam, degree of superheat of steam. H-s chart of steam (Mollier's Chart).
1st Law of Thermodynamics: Definition of stored energy & internal energy, 1st Law of Thermodynamics of cyclic process, Non Flow Energy Equation, Flow Energy & Definition of Enthalpy, Conditions for Steady State Steady Flow; Steady State Steady Flow Energy Equation.
2nd Law of Thermodynamics: Definition of Sink, Source Reservoir of Heat, Heat Engine, Heat Pump & Refrigerator; Thermal Efficiency of Heat Engines & co-efficient of performance of Refrigerators, Kelvin Planck & Clausius Statements of 2nd Law of Thermodynamics, Absolute or Thermodynamic Scale of temperature, Clausius Integral, Entropy, Entropy change calculation of ideal gas processes. Carnot Cycle & Carnot Efficiency, PMM-2; definition & its impossibility.
4. Air standard Cycles for IC engines: Otto cycle; plot on P-V, T-S Planes; Thermal Efficiency. Diesel Cycle; Plot on P-V, T-S planes; Thermal efficiency.
IC Engine Performance, IC Engine Combustion, IC Engine Cooling & Lubrication.
Rankine cycle of steam: Simple Rankine cycle plot on P-V, T-S, h-s planes, Rankine cycle efficiency with & without pump work.
5. Boilers; Classification; Specification; Fittings & Accessories : Fire Tube & Water Tube Boilers. Air Compressors & their cycles; Refrigeration cycles; Principle of a Refrigeration Plant; Nozzles & Steam Turbines.
6. Fluid Mechanics & Machinery Properties & Classification of Fluid: ideal & real fluids, Newton's law of viscosity, Newtonian and Non-Newtonian fluids, compressible and incompressible fluids. Fluid Statics Pressure at a point. Measurement of Fluid Pressure: Manometers, U-tube, Inclined tube. Fluid Kinematics: Stream line, laminar & turbulent

flow, external & internal flow, continuity equation. Dynamics of ideal fluids: Bernoulli's equation, Total head; Velocity head; Pressure head; Application of Bernoulli's equitation. Measurement of Flow rate Basic Principles: Venturimeter, Pilot tube, Orifice meter. Hydraulic Turbines Classifications, Principles. Centrifugal Pumps Classifications, Principles, Performance.

7. Foundry & Casting methods, defects, different casting processes, Forging, Extrusion, etc, Metal cutting principles, cutting tools, Basic Principles of machining with (i) Lathe (ii) Milling (iii) Drilling (iv) Shaping (v) Grinding, Machines, tools & manufacturing processes, etc. as per the courses offered by the Recognized Institutes.

Name of the Post: Assistant Foreman (Electrical) T&S Gr - C

Electricity Theory (Elementary Knowledge)

Principles of Electricity - Electric voltage, Current and resistance, Ohm's law - specific resistance, Laws of resistance and their application for calculating voltage drop, series and parallel circuits, Practical units of voltage, current, resistance, power and energy. Relation between electrical power unit (KW) and Mechanical Power Units (HP).

Electro Magnetism - Concept of Electro Magnetic Force (EMF), production of E.M.F., Flemings Right and Left Hand Rules, Magnetic, Chemical and heating effects of electric current. Magnetic properties of material, Electromagnets and their various applications.

Materials - Conductors, Semiconductors and insulator materials and their relative merits. Transformer oil, Effect of heat and moisture on insulation. Lubricants and their uses.

Different types of wires, cables, switches, circuit breakers, cutouts, etc.

Generation of Electricity - Sources of natural energy. Renewable and Non-Renewable source methods of production of electricity both Alternating Current and Direct Current.

A.C. Generators (Alternators) - Essential components and constructional feature. Methods of voltage and frequency control conditions and methods for synchronizing, simple associated switchboard and its accessories.

D.C. Generators - Essential components and constructional features, Shunt, series and compound dynamos and their characteristics, causes for sparking. Commutators and their maintenance. Carbon brushes, their adjustment and care. Methods of voltage regulation. Conditions for parallel operation, simple associated switch board and its accessories.

Batteries - Primary cells, Dry cells, Lead acid cells, Nickel, Iron or Alkaline cells. Initial and subsequent charging of batteries. Charging circuits and their calculations. Series and parallel circuits. Maintenance of batteries. Use of Hydrometers.

A.C. Motors - Theory of induction (squirrel cage and slip-ring type) synchronous and commutator motors, their uses, installation, method of starting, speed control and reversal of direction.

D.C. Motors - Theory of series, shunt and compound wound type motors, their uses, installation, method of starting, speed control and reversal of direction.

A.C. Circuits - Knowledge of vectors. Phase and phase difference. Resistance, inductance and capacitance in an A.C Circuit. Periodicity or Frequency. Power and power factor. Single

phase and three phase systems, star and delta connections, Phase Sequence.

Controlling and Regulating Gear - Knowledge of various types of switches, circuit breakers, cutouts, starters, regulators and protective devices for both A.C. and D.C. motors and their wiring with the motors.

Transformation - Knowledge of single phase and three phase transformers, their construction, use and maintenance. Phasing out, parallel working, auto transformer, transformer tappings, temperature rise, instrument transformer.

Transmission and Distribution-

Overhead Lines - Simple calculations and general principles of construction of low, medium and high voltage lines. Size of conductors, length of spans, sag, strength of poles, spacing of conductor, cross arms, effect of temperature, wind pressure, ice and snow, tension on wire. Insulators, brackets, stays, struts, guard wires and other protective devices. Earthing, lighting arrestors, lighting conductors and their testing and fault location.

Underground Cables - underground cables, simple calculations and general principles of laying cables direct in ground, in troughs and pipes. Handling, bending, jointing, plumbing. Underground and above ground junction boxes. Distribution board, Joint box compound, melting of compound and filling boxes with compound. Testing and fault location.

Illumination - Metal filament lamps, fluorescent lamp circuits, Photometric units and simple measurements. General requirements of efficient lighting and elementary calculations. Street lighting. Time switches.

Generation:-

- a) DC and AC power supply for auxiliaries, arrangement of unit auxiliary and station service boards, station lighting and automatic changeover. Station batteries and charging methods. Stand by and emergency power and lighting systems.
- b) Testing & Measurement - Working principle and basis of instrument and measurements. Details of measuring instruments for pressure, flow, temperature, level, alignment and current, voltage, power, reactive power, frequency, energy, winding temperature, auto controllers, recorder, insulation, tester, its use for primary detection of faults, data acquisition system, digital distributed control, UPS etc. Testing of electrical and mechanical equipments.
- c) Control & Protection - Sequential operation & interlocks, general machine start/stop, sequence of operation.

Electricity Utilization for –

Domestic installation –

WIRING - Wiring layout of different types for lighting and power installations in residential premises together with the necessary switchgear, estimate of materials and cost of different types of installations. Wiring of temporary installations and portable appliances.

CIRCUIT DIAGRAM - Electrical connections of various circuits for (i) House wiring including those for main and sub-distribution boards, switches and cutouts etc.

APPARATUS - Installations and maintenance of heaters, cookers, refrigerators and other domestic appliances. Electric bells and indicators. Small motors for pumps and electric lifts.

ENERGY MEASUREMENT AND CHARGES - Energy meters both D.C. and A.C. for house service.

SIMPLE CALCULATION - Simple calculations relating to cost of energy, elementary knowledge of methods of charging for energy.

TESTING AND FAULT ATTENDANCE - Detection and location of faults in domestic appliances and wiring installations. Insulation and continuity test. Rectification of faults. Tests for insulation resistance to earth. Earth testing.

PROTECTIVE DEVICES - Elementary knowledge of the use of fuses and cutouts, earthing of domestic appliances, motors etc. use of lighting arrestors.

Industrial installation-

WIRING - Wiring layouts of different types for lighting and power installations in industrial premises together. with the necessary switchgear. Estimates of materials and cost of different type of installations. Wiring of temporary installations and portable appliances.

CIRCUIT DIAGRAMS - Electrical connections for D.C. & A.C. Motors, their starters regulators. Main and sub- distributing boards with circuit breakers, switches, fuse units with load statement for each circuit, D.C. & A.C. Motors, their starters regulators, Battery charging equipments, Converting machinery, Lifts with their safety devices.

PUMP INSTALLATIONS - General principles and elementary calculations of head, power and energy requirements.

APPARATUS - Installation and maintenance of generators, electric motors electric welding machines, haulage and winding machines, cooling and heating appliances.

POWER AND ENERGY MEASUREMENT AND CHARGES Measurement of power, Watt

meters, energy meters both D.C. & A.C. power factor correction by capacitors.

SIMPLE CALCULATION - Simple calculations relating to cost of power and energy, elementary knowledge of methods of charging for demand and energy.

TESTING AND FAULT ATTENDANCE - Detection and location of faults in D.C. & A.C. generators, motors, overhead distribution lines and underground cables, electric instruments and apparatus and wiring installations. Rectification of faults, Insulations and continuity tests. Tests for insulations resistance to each earth testing.

PROTECTIVE DEVICES - Elementary knowledge of earthing of generators, motors, machines, installations and appliances. Use of lighting arrestors, fuses including high rupturing capacity fuses, cutouts, circuit breakers, over load and no volt protections, thermal trips, filed breaking switches and over speed protection.

Overhead Lines

- Survey, Design, Construction Standards, Foundation Erection, Stringing and Construction equipments.
- Testing, fault locations, commissioning, maintenance and protections including safety devices and testing equipments.
- Selection of supports, cross arms, brackets, stays struts insulators and associated hardwares.
- Types and size of conductors, length of spans, sag, spacing of conductors, effect of temperature, wind pressure, ice and snow on tension of conductors, lighting on conductor.
- Earthings, lighting arresters, guard wires, relays and other proactive devices.

Cables

- Classification of cables, criteria for the selection of power cables, PVC & XLPE underground cables. Classification of tests for cables laying, safe handling of cable drums, cable joints, cable terminations, crimp connections, maintenance of electric cable, flexible cable, flexible cables for portable machines, faults in underground cables system, methods of fault location underground cable system.

Sub-Stations and Control Room:

- Layout, design, construction standards of HT transformers and associated equipments (i.e. CBs, Isolators, Las, Capacitors, CTs, PTs, etc)

- Power and distribution transformers - their erection, commissioning, fault locations, and maintenance.
- Protective relays and measuring equipments and their networking. Transformer protection, Generator, Diesel Generator protection.
- Testing commissioning, fault locations, maintenance and protection of cables and testing equipments.
- Design and installation of capacitor banks and their maintenance.
- Erection, testing, commissioning and maintenance of control room equipments including station batteries and communication system.

Motors and Generators (DC and AC):

- Installation, testing, commissioning, protection and control and maintenance of industrial motors.

Operational knowledge for the following:-

Operational knowledge on measuring instruments i.e Ammeters, Voltmeters, Multimeters, Tongue Testers, Meggers, HV testing kits etc.

Illumination, fire fighting and earthing systems including maintenance.

Preparation, representation, interpretation of electrical drawings and execution of electrical work. Flame proof equipment/ intrinsically safe for underground switch board, panels, breakers etc for underground.

SAFETY RULES- Working Knowledge of-

- Safety regulation -2010 of CEA (Measures relating to safety and electric supply) All regulations including Regulations for mining installation.
- Fire safety procedures, fire protection of generators, transformer and fire fighting and protection .
- Protection and restoration of persons suffering from electric shock.

Section B (30 MCQ of 1 mark each) - 30 Marks

खण्ड बी (30 वस्तुनिष्ठ प्रश्न प्रत्येक 1 अंक का) – 30 अंक

This section is common for all Posts, will carry 30 questions belonging to / यह अनुभाग सभी पदों के लिए समान है, जिसमें 30 प्रश्न होंगे:

- I. **General Knowledge** - About India and its international relations, General Science etc/ सामान्य ज्ञान - भारत और उसके अंतरराष्ट्रीय संबंध, सामान्य विज्ञान आदि।
- II. **General Awareness** - About Sports, Defense, Books, Prizes, About Indian democracy, etc./ सामान्य जागरूकता - खेल, रक्षा, पुस्तकें, पुरस्कार, भारतीय लोकतंत्र के बारे में, आदि।
- III. **Reasoning, Verbal & Mental Ability** - Synonym & Antonym (Hindi/English), Grammar, Relationship etc./ तर्क, मौखिक और मानसिक क्षमता - पर्याय और विलोम (हिंदी/अंग्रेजी), व्याकरण, संबंध इत्यादि।
- IV. **Quantitative aptitude** - Work relationship, Profit & Loss, Speed etc / मात्रात्मक रुद्धान - वर्क रिलेशनशिप, लाभ एवं हानि, गति इत्यादि।