



गौतम बुद्ध विश्वविद्यालय

ग्रेटर नोएडा, गौतम बुद्ध नगर

जी.बी.यू-002/प्रशा./2.3/2026-450

दिनांक: 27 फरवरी, 2026

:: कार्यालय ज्ञाप ::

प्रबन्ध बोर्ड की दिनांक 19 फरवरी, 2026 को सम्पन्न हुई उनचासवीं बैठक के बिन्दु संख्या 49.26.07 में यह निर्णय लिया गया है:-

प्रस्ताव:- अवर अभियन्ता (सिविल), अवर अभियन्ता (इलैक्ट्रीकल) एवं एकाउन्टेन्ट के पदों पर नियुक्ति विषयक प्रक्रिया के अन्तर्गत लिखित परीक्षा हेतु पाठ्यक्रम (Syllabus) प्रबन्ध बोर्ड को अनुमोदनार्थ प्रस्तुत।

निर्णय:- बोर्ड के मा0 सदस्यों के द्वारा अवर अभियन्ता (सिविल), अवर अभियन्ता (इलैक्ट्रीकल) एवं एकाउन्टेन्ट के पदों पर नियुक्ति विषयक प्रक्रिया के अन्तर्गत लिखित परीक्षा हेतु प्रस्तुत पाठ्यक्रम (Syllabus) को अनुमोदन प्रदान किया गया।

संलग्न: अनुमोदित पाठ्यक्रम (Syllabus)।

(प्रो० चन्द्र कुमार सिंह)
प्रभारी-कुलसचिव

प्रतिलिपि:

- मा0 कुलपति महोदय के स्टाफ आफिसर को महोदय के संज्ञान में लाने हेतु।
- वित्त अधिकारी को सूचनार्थ प्रेषित।
- निदेशक (कार्य) को सूचनार्थ प्रेषित।
- अध्यक्ष परीक्षा विभाग को सूचनार्थ प्रेषित।
- सिस्टम मैनेजर को इस आशय से कि इस कार्यालय ज्ञाप को विश्वविद्यालय वेबसाईट पर अपलोड करना सुनिश्चित करें।
- अनुभाग अधीक्षक, अधिष्ठान प्रकोष्ठ को आवश्यक कार्यवाही हेतु प्रेषित।
- सम्बन्धित पत्रावली/कार्यालय ज्ञाप पत्रावली।

CK Singh
27/02/26
प्रभारी-कुलसचिव



SYLLABUS (For Accountant Recruitment)

Paper contains 2 sections. First section covers General Intelligence, Reasoning and fundamentals of English. Second section covers subject knowledge of candidates.

SECTION A

General Intelligence and Reasoning (20 Questions)

This section assesses the candidate's logical reasoning, analytical ability, and aptitude in interpreting abstract ideas, symbols, relationships, and patterns. Both verbal and non-verbal reasoning will be included.

Topics covered include (but are not limited to):

1. Analogy (Verbal & Non-Verbal)
2. Classification / Odd One Out
3. Number, Alphabet, Alphanumeric & Figural Series
4. Coding-Decoding
5. Blood Relations
6. Direction Sense
7. Venn Diagrams & Syllogisms
8. Seating Arrangements (Linear, Circular, Mixed)
9. Logical & Analytical Puzzles
10. Order, Ranking & Comparison
11. Cause & Effect
12. Statement-Assumption / Conclusion / Argument
13. Non-Verbal Reasoning (Figures, Mirror/Water Images)
14. Arithmetical & Data-Based Reasoning

General Awareness (20 Questions)

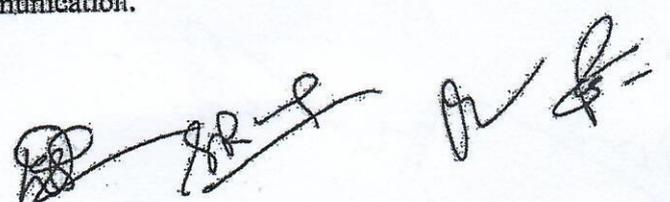
This section evaluates awareness of the environment, society, current developments, and general knowledge expected of an educated individual.

The syllabus shall include the following areas:

1. Current Affairs (National & International)
2. Static General Knowledge
3. History of Freedom Movement of India
4. Indian Polity & Constitution
5. Indian Economy & Financial Awareness
6. Geography (India & World)
7. Science & Technology (General Level)
8. Environment, Ecology & Climate Change
9. People in News
10. Awards & Honours
11. Arts, Culture & Heritage
12. Sports
13. Books & Authors
14. Government Schemes & Committees

English Fundamentals (10 Questions)

Grammar, vocabulary, comprehension, sentence structure, and error recognition for effective communication.



SECTION B: Subject Knowledge (50 Questions)

Financial Management & University Accounting System

- Institute/University Finance and Accounts System
- Budget Preparation, Budget Control and Financial Planning
- Grant-in-Aid (GIA) and Utilization Certificate (UC)
- Public Financial Management System (PFMS)
- Treasury Single Account (TSA) System
- Government Accounting Framework
- Cash Book, Ledger and Trial Balance
- Bank Reconciliation Statement (BRS)
- Balance Sheet and Income and Expenditure Account
- Log Book and Asset Registers
- Finalization of Annual Accounts
- Computerized Accounting System and Statutory/Regulatory Compliance

Government Financial Rules, Service and Establishment Matters

- General Financial Rules (GFR), 2017
- Ministry of Finance (MoF) Rules, Notifications and Guidelines
- Delegation of Financial Powers
- Department of Personnel and Training (DoPT) Rules on Service Matters
- Establishment Check, Pay Fixation and Allowances
- Labour Laws applicable to Government Institutions
- National Pension System (NPS)
- Pension, Leave and Retirement Benefits

Procurement, Tendering and Foreign Purchase

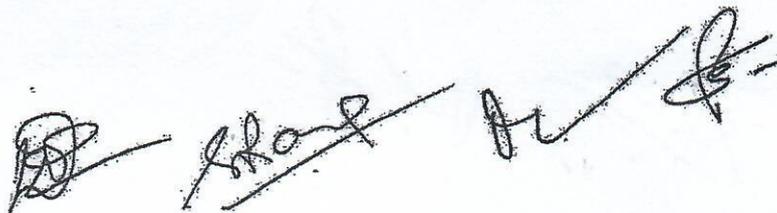
- Central Public Procurement Portal (CPPP)
- Government e-Marketplace (GeM)
- Tendering, E-Tendering and Global Tendering Procedures
- Procurement Rules under GFR, 2017
- Contract Management, Performance Security and Compliance
- Foreign Equipment Purchase and Payment Procedure

Taxation, Audit and Legal Compliance

- Income Tax: PAN, TAN, TDS/TCS and Returns
- Goods and Services Tax (GST), GST-TDS and Statutory Returns
- E-Filing of ITRs and Tax Compliance
- Internal Audit, Statutory Audit and CAG Audit
- System Audit / ERP / ERT System Audit
- Audit Paras, Objections, Recoveries and Compliance
- Companies Act – Relevant Provisions (as applicable)
- Right to Information Act, 2005 (Financial Perspective)

Accountancy, IT Systems and General Competencies

- Financial Accounting
- Cost Accounting
- Management Accounting
- Financial Analysis and Ratio Analysis
- Maintenance of Accounts through Computerized Systems
- Knowledge of ERP / Accounting Software



SYLLABUS (For Junior Engineer (Civil) Recruitment)

Paper contains 2 sections. First section covers General Intelligence and reasoning. Second section covers subject knowledge of candidates.

SECTION A

General Intelligence and Reasoning (20 Questions)

This section assesses the candidate's logical reasoning, analytical ability, and aptitude in interpreting abstract ideas, symbols, relationships, and patterns. Both verbal and non-verbal reasoning will be included.

Topics covered include (but are not limited to):

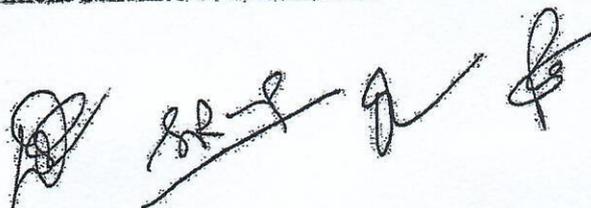
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12. Statement-Assumption / Conclusion / Argument
13. Non-Verbal Reasoning (Figures, Mirror/Water Images)
14. Arithmetical & Data-Based Reasoning

General Awareness (20 Questions)

This section evaluates awareness of the environment, society, current developments, and general knowledge expected of an educated individual.

The syllabus shall include the following areas:

1. Current Affairs (National & International)
2. Static General Knowledge
3. History of Freedom Movement of India
4. Indian Polity & Constitution
5. Indian Economy & Financial Awareness
6. Geography (India & World)
7. Science & Technology (General Level)
8. Environment, Ecology & Climate Change
9. People in News
10. Awards & Honours
11. Arts, Culture & Heritage
12. Sports
13. Books & Authors
14. Government Schemes & Committees



General Science and English Fundamentals (10 Questions)

This section assesses foundational knowledge in science and essential communication skills.

Physics: Basic principles of mechanics, heat, light, electricity, and magnetism with focus on conceptual applications.

Chemistry: Fundamental chemical properties, basic reactions, materials, and industrial or environmental relevance.

Environmental Studies: Awareness of ecology, pollution, climate concerns, natural resources, and sustainability practices.

English Fundamentals: Grammar, vocabulary, comprehension, sentence structure, and error recognition for effective communication.

Handwritten marks: A scribble, a horizontal line with a scribble above it, a horizontal line with a scribble below it, and a scribble.

SECTION B: Subject Knowledge (50 Marks)

Building Materials : Physical and Chemical properties, classification, standard tests, uses and manufacture/quarrying of materials e.g. building stones, silicate based materials, cement (Portland), asbestos products, timber and wood based products, laminates, bituminous materials, paints, varnishes.

Estimating, Costing and Valuation: estimate, glossary of technical terms, analysis of rates, methods and unit of measurement, Items of work – earthwork, Brick work (Modular & Traditional bricks), RCC work, Shuttering, Timber work, Painting, Flooring, Plastering, Boundary wall, Brick building, Water Tank, Septic tank, Bar bending schedule, Centre line method, Mid-section formula, Trapezoidal formula, isolates and combined footings. Valuation – Value and cost, scrap value, salvage value, assessed value, sinking fund, depreciation and obsolescence, methods of valuation.

Surveying : Principles of surveying, measurement of distance, chain surveying, working of prismatic compass, compass traversing, bearings, local attraction, plane table surveying, theodolite traversing. Temporary adjustment of Dumpy Level & Theodolite, Definition of terms used in levelling, contouring, curvature and refraction corrections, uses of contour map, tachometric survey, curve setting, earth work calculation, advanced surveying equipment, Photogrammetry.

Soil Mechanics : Origin of soil, phase diagram, Definitions-void ratio, porosity, degree of saturation, water content, specific gravity of soil grains, unit weights, density index and interrelationship of different parameters, Grain size distribution curves and their uses, Index properties of soils, Atterberg's limits, ISI soil classification and plasticity chart, Permeability of soil, coefficient of permeability, determination of coefficient of permeability, effective stress, quick sand, consolidation of soils, Principles of consolidation, degree of consolidation, pre-consolidation pressure, normally consolidated soil, e-log p curve, computation of ultimate settlement. Shear strength of soils, direct shear test, Vane shear test, Triaxial test. Soil compaction, Laboratory compaction test, Maximum dry density and optimum moisture content. Bearing capacity of soils, plate load test, standard penetration test and Modified Standard Proctor test.

Hydraulics : Fluid properties, hydrostatics, measurements of flow, Bernoulli's theorem and its application, flow through pipes, flow in open channels, weirs, flumes, spillways.

Irrigation Engineering: Definition, necessity, benefits, ill effects of irrigation, types and methods of irrigation, Hydrology – Measurement of rainfall, run off coefficient, rain gauge, losses from precipitation evaporation, infiltration, etc. Water requirement of crops, duty, delta and base period, Kharif and Rabi Crops, Command area, Time factor, Crop ratio, Overlap allowance, Irrigation efficiencies. Different type of canals, types of canal irrigation, loss of water in canals. Canal lining –types and advantages. Shallow and deep to well., Weir and barrage, Failure of weirs and permeable foundation, Slit and Scour, Kennedy's theory of critical velocity. Lacey's theory of uniform flow. Definition of flood, causes and effects, methods of flood control, water logging, preventive measure. Major irrigation projects in India.



Transportation Engineering: Highway Engineering – cross sectional elements, geometric design, types of pavements, pavement materials – aggregates and bitumen, different tests, Design of flexible and rigid pavements – Water Bound Macadam (WBM) and Wet Mix Macadam (WMM), Gravel Road, Bituminous construction, Highway drainage, Railway Engineering- Components of permanent way – sleepers, ballast, fixtures and fastening, track geometry, points and crossings, track junction, stations and yards. Traffic Engineering – Different traffic survey, speed-flow-density and their interrelationships, intersections and interchanges, traffic signals, traffic operation, traffic signs and markings, road safety.

Environmental Engineering: Quality of water, source of water supply, purification of water, distribution of water, need of sanitation, sewerage systems, circular sewer, oval sewer, sewer appurtenances, sewage treatments, Trickling Filter. Surface water drainage. Solid waste management – types, effects, engineered management system. Air pollution – pollutants, causes, effects.

Theory of structures: Elasticity constants, types of beams – determinate and indeterminate, bending moment and shear force diagrams of simply supported, cantilever and over hanging beams. Moment of area and moment of inertia for rectangular & circular sections, bending moment and shear stress for tee, channel, slope deflection of simply supported and cantilever beams, critical load and columns, Torsion of circular section. Hook's law, Stress-Strain curve.

Concrete Technology: Properties, Advantages and uses of concrete, cement aggregates, importance of water quality, water cement ratio, workability, mix design, storage, batching, mixing, placement, compaction, finishing and curing of concrete, quality control of concrete, hot weather and cold weather concreting, repair and maintenance of concrete structures.

RCC Design: Introduction of design methods. RCC beams-flexural strength, shear strength, bond strength, design of singly reinforced and double reinforced beams, cantilever beams. One way and two way slabs, isolated footings. Reinforced brick works, columns, staircases, (RCC design questions may be based on both Limit State and Working Stress methods).

Steel Design: Steel design and construction of steel columns, beams roof trusses plate girders. Plastic analysis, Connections (Bolts, rivets & welds).

Handwritten signatures and initials, including a large stylized signature on the left, the initials 'SR-F' in the middle, and another signature on the right.

SYLLABUS (For Junior Engineer (Electrical) Recruitment)

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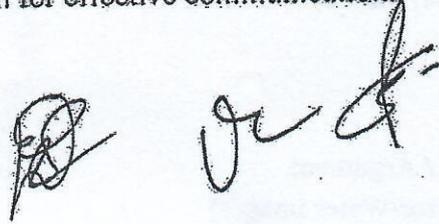
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The image shows two handwritten signatures in black ink. The signature on the left is a stylized, cursive name that appears to be 'R.D.'. The signature on the right is also cursive and appears to be 'J.K.'.

SECTION B: Subject Knowledge (50 Marks)

For Electrical Engineering Candidates

This section evaluates fundamental proficiency in major areas of Electrical Engineering. The emphasis is on conceptual understanding and applied basics.

1. **Electrical Circuits and Network Fundamentals (Approx. 5 Marks)**
 - a. Basic circuit laws and components
 - b. Series-parallel circuits; mesh & nodal basics
 - c. AC/DC circuit analysis with simple RL/RC/RLC
2. **AC Fundamentals (Approx. 5 Marks)**
 - a. Single-phase AC quantities
 - b. Power factor & power components
 - c. Three-phase basics (star-delta)
3. **Transformers (Approx. 6 Marks)**
 - a. Principle, EMF equation
 - b. Equivalent circuit, losses, efficiency
 - c. Auto-transformer & basic tests
4. **Rotating Electrical Machines (DC & AC) (Approx. 7 Marks)**
 - a. DC motor principles & characteristics
 - b. Induction motor basics & torque-slip
 - c. Synchronous machine fundamentals
5. **Measurement and Measuring Instruments (Approx. 5 Marks)**
 - a. Electrical measurement principles
 - b. Analog instruments (PMMC, MI, wattmeters)
 - c. Digital instruments & accuracy concepts
6. **Power Generation, Transmission & Distribution (Approx. 7 Marks)**
 - a. Basics of power plants
 - b. Transmission concepts & equipment
 - c. Distribution systems & protection basics
7. **Utilization of Electrical Energy (Approx. 5 Marks)**
 - a. Heating, welding, lighting basics
 - b. Electric traction
 - c. Domestic & industrial wiring concepts
8. **Estimation and Costing (Approx. 5 Marks)**
 - a. Materials for electrical installations
 - b. Load calculation & simple cost estimates
 - c. Wiring diagrams & schedules
9. **Basic Electronics (Approx. 5 Marks)**
 - a. Semiconductors, diodes, transistors basics
 - b. Rectifiers & filters
 - c. Basic operational amplifier applications

