

Selection Process and Syllabus for multiple Non-Teaching vacancies advertised by this Institute against the Advertisement No. NITD/Estt./01/05/Non-Teaching/2025 dated 12-11-2025.

**Note: Institute reserves the right to increase or decrease the no. of phase(s) of selection process depending upon the no. of shortlisted candidates.**

### Group- A

| Post Code & Name of the Post                     | Scheme of the Examination/ Selection Process                                                                                                                                                                                                       | Syllabus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| 01<br>Principal Scientific/<br>Technical Officer | <b>Phase I:</b> Seminar:<br><br><b>Phase II:</b> Personal Interview- <u>Phase I is for the purpose of screening. Final Merit will be prepared on the basis of performance in the Phase II.</u>                                                     | <b>Syllabus for Phase I:</b><br>Presentation slides may cover the following:<br>1. Educational background, skill-sets and experience<br>2. How is experience relevant to the post.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 02<br>Superintending Engineer                    | <b>Phase I:</b> Seminar:<br><br><b>Phase II:</b> Personal Interview- <u>Phase I is for the purpose of screening. Final Merit will be prepared on the basis of performance in the Phase II.</u>                                                     | <b>Syllabus for Phase I:</b><br>Presentation slides may cover the following:<br>1. Educational background, skill-sets and experience<br>2. How is experience relevant to the post.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 03<br>Deputy Librarian                           | <b>Phase I:</b> Domain Test: MCQs Type (Time 90 Minutes, Maximum Marks: 100)<br><br><b>Phase II:</b> Personal Interview- <u>Phase I is for the purpose of screening. Final Merit will be prepared on the basis of performance in the Phase II.</u> | <b>Syllabus for Phase I:</b><br>1. <b>Information &amp; Communication:</b> Data, Information, Knowledge and Wisdom, Information Life Cycle - Generation, Collection, Storage and Dissemination, Role of Information in Planning, Management, Socio-economic, Cultural, Educational and Technological Development. Information Science - Relationship with other subjects, Information Society and Knowledge Society. Communication – Concept, Types, Theories, Models, Channels and Barriers; Trends in Scholarly Communication. Information Industry - Generators, Providers and Intermediaries IPR and Legal Issues - Categories, Conventions, Treaties, Laws. Plagiarism: Concept and Types, Right to Information Act (RTI); Information Technology Act. National Knowledge Commission; National Mission on Libraries.<br>2. <b>Librarianship, History &amp; Society</b> Library and Information Science Education in India. Type of Users - User Studies, User Education. Information Literacy - Areas, Standards, Types and Models; Trends in Information Literacy. Historical Development of Libraries in India; Committees and Commissions on Libraries in India. Types of Libraries – Academic, Public, Special and National. Library Legislation and Library Acts in Indian States; The Press and Registration of Books Act; The Delivery of Books and Newspapers (Public Libraries) Act. Normative Principles of Lib. & |

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|  |  | <p>Inf. Science. Laws of Library Science. Library and Information Science Profession - Librarianship as a Profession, Professional Skills and Competences; Professional Ethics. Professional Associations - National – ILA, IASLIC, IATLIS; International – IFLA, ALA, CILIP, ASLIB, SLA; Role of UGC, RRRLF and UNESCO in Promotion and Development of Libraries. Library Public Relations and Extension Activities.</p> <p><b>3. Information Sources</b> Nature, Characteristics, Types and Formats. Sources of Information - Primary, Secondary and Tertiary; Documentary and Non-Documentary. Reference Sources - Bibliographical, Biographical, Educational, Language and Geographical. Electronic Information Resources - Subject Gateways, Web Portals, Bulletin Boards, Discussion Forums /Groups. Databases: Bibliographic, Numeric, Full text, Multimedia; Open Access Databases. Institutional and Human Resources. Evaluation of Reference Sources and Web Resources.</p> <p><b>4. Information Systems &amp; Services</b> Community Information Services, Reference Service – Concept and Types; Referral Services, Alerting Services - CAS, SDI, Inter Library Loan and Document Delivery. Mobile based Library Services and Tools – Mobile OPAC, Mobile Databases, Mobile Library Website, Library Apps, Mobile Library Instructions, Augmented Reality, SMS Alerts, Geo-Location, Reference Enquiry. Web 2.0 and 3.0 - Library 2.0- Concept, Characteristics, Components; Instant Messaging, RSS Feeds, Podcasts, Vodcasts, Ask a Librarian Collaborative Services- Social Networks, Academics Social Networks, Social Tagging, Social Bookmarking. Web – Scale Discovery Services, Library Co-operation Resource Sharing and Library Networking. National Information Systems and Networks: NISCAIR, DESIDOC, ENVIS, INFLIBNET, DELNET, NICNET, ERNET, National Knowledge Network (NKN), Biotechnology Information System Network, International Information Systems and Networks: INIS, AGRIS, INSPEC, MEDLARS, BIOSIS, ERIC, Patent Information System (PIS), Biotechnology Information System (BIS). Library Resource Sharing and Library Consortia – National and International.</p> <p><b>5. Knowledge Organization &amp; Information Retrieval</b> Knowledge Organization - Classification – Theories, Canons, and Principles; Simple Knowledge Organization System (SKOS), Taxonomies, Folksonomy, Trends in Classification. Mapping of Subjects in Library Classification Schemes. Cataloguing. Standards of Bibliographic Record Formats and Description – ISBD, MARC 21, CCF, RDA, FRBR, Bib</p> |
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|  |  | <p>frame. Standards for Bibliographic Information Interchange &amp; Communication – ISO 2709, Z39.50, Z39.71. Metadata Standards: Dublin Core; MARC21, METS, MODES, EAD. Indexing Systems and Techniques. Abstracting – Types and Guidelines. Information Retrieval System – Features, Components, Models and Evaluation.</p> <p>6. <b>Library Management</b> - Principles, Functions and Schools of thought. Library and Information Centers. Management - Book Selection Tools and Principles; Library Acquisition, Technical Processing, Circulation, Serial Control, Maintenance and Stock Verification; Preservation and Conservation; Hazards and Control Measures of Library Materials. Human Resource Management. Financial Management in Libraries. Project Management - SWOT, PEST, PERT / CPM. Total Quality Management (TQM) - Six Sigma; Evaluation of Services of Libraries and Information Centers. Library Building, Green Library Building. Management Information System (MIS), MBO, Change Management, Disaster Management, Crisis Management. Knowledge Management. Marketing of Library Products and Services.</p> <p>7. <b>Information &amp; Communication Technology</b> Computer Technology - Character Representation (ASCII, ISCII, Unicode); Computer Hardware, Software; Storage Devices; Input and Output Devices. Types of Software - System Software, Application Software. Programming Languages – Object Oriented, Procedural, High Level, Scripting; Web Languages. Telecommunication, Standards and Protocols. Wireless Communication. Computer Networks. Internet. Internet Protocols and Standards. Virtual Reality, Augmented Technologies. Data Security, Network Security &amp; Firewalls</p> <p>8. <b>Library Automation</b> Library Automation. Barcode, RFID, QR Code, Biometric, Smartcard. Digitization, Digital Library. Protocols, DOI. Digital Preservation. Institutional Repositories. Content Management Systems. Application of Artificial Intelligence, Expert Systems and Robotics in Libraries, Cloud Computing. Ontology – Tools (RDF, RDFS, Potege) Semantic Web, Linked Data, Big Data, Data Mining, Data Harvesting.</p> <p>9. <b>Research Methodology</b> Research Methods, Research Design, Methods of Data Collection Scales and Checklist. Data Analysis and Interpretation, Statistical Packages Research Report Writing and Citation Tools – Structure, Style, Contents, Guidelines; Style Manuals; Online Citation Tools; Reference Style Management Tools; Antiplagiarism Tools; Evaluation of Research Report.</p> |
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| <p>04<br/>Senior SAS Officer</p> | <p><b>Phase I:</b> Domain Test: MCQs Type (Time 90 Minutes, Maximum Marks: 100)</p> <p><b>Phase II:</b> Personal Interview- <u>Phase I is for the purpose of screening. Final Merit will be prepared on the basis of performance in the Phase II.</u></p> | <p><b>Syllabus for Phase I:</b></p> <ol style="list-style-type: none"> <li>1. Physical Education - Meaning, Definition, Aims, Objectives and Scope. History of Physical Education in Ancient Greece: in Reference to Sparta and Athens. Philosophy: Meaning, functions of Philosophy, Idealism, Realism, Naturalism, Pragmatism, Arjuna Award, Dronacharya Award / MAKAT Trophy. Ancient and Modern Olympic Game, Commonwealth Games.</li> <li>2. Meaning of kinesiology, aims and objectives of kinesiology. importance of kinesiology in physical education. Meaning structure and chemical composition of bones. Functions and types of bones. Common postural deformities i.e. flat foot, bow legs, knock knees, lordosis, scoliosis, kyphosis, and round shoulders, their causes and remedial measures. Motion and types of motion &amp; Newton's law of motion</li> <li>3. Meaning and Definition of Test, Measurement, &amp; Evaluation. Philip's J.C.R Test, AAHPER Youth, Fitness Test, Tuttle Pulse Ratio Test, Harvard Step Test) Johnson Basketball Test, Knox Basketball Test, Modified Brady Volleyball Test, Russell-lange Volleyball Test. Somatotyping. Meaning of Somatotyping Brief Account of Kretchmer's Body Type, Brief Account of Sheldon Body Classification.</li> <li>4. Meaning and Definition of Sports Training, Aims and Objectives of Sports Training. Meaning and Types, Talent Identification and its Importance. Meaning of Training Load, Principle of Training Load, Overload Causes and Symptoms of Overload. Definition and Meaning of Endurance, Types of Endurance, Factor Affecting Endurance, Methods of Developing Endurance Definition Meaning of Flexibility, Types of Flexibility, Factor Affecting Flexibility, Methods of Developing Flexibility.</li> <li>5. Muscular System: Classification of Muscles, Functions and Types of Muscles, Concept of Homeostasis and its Relevance to Physical Education and Sports, Brief Introduction of the Cardiovascular System: The Heart &amp; its Structure and Function, Cardiac Cycle, Mechanism of Blood Circulation, Composition and Function of Blood, Brief Introduction of the Respiratory System, Structure and</li> </ol> |

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|                       |                                                                                                                                                                                                                                                           | <p>Functions, Mechanism of Respiration, Types of Respiration.</p> <p>6. Sports Psychology, Nature, Scope and Importance in Physical Education Methods of Sports Psychology. Concept of learning, Theories and Laws of Learning. Laws and principles of learning. Meaning and Types Dynamics of Motivation in Sports. Techniques of Motivation. Intelligence, Definition and Meaning of Intelligence, Theories of Intelligence, Role of Intelligence in Sports.</p> <p>7. Definition, Meaning and Importance of Officiating, Principles of Officiating, Qualities of good Officials. Duties of Officials: - Pre-game, During Game, Post Game, Measures for Improving the Standard of Officials. Rules of Different games and Dimensions of Play fields: -Basketball, Handball, Kabaddi, Volleyball. Methods of Conditioning and Training, Continuous Training Method, Interval Training Method, Repetition Training Method.</p> <p><b>Syllabus for Phase II:</b><br/>Presentation slides may cover the following:<br/>1. Educational background, skill-sets and experience etc.</p>                                                                                                                                                                                                                                                                                                |
| 05<br>Medical Officer | <p><b>Phase I:</b> Domain Test: MCQs Type (Time 90 Minutes, Maximum Marks: 100)</p> <p><b>Phase II:</b> Personal Interview- <u>Phase I is for the purpose of screening. Final Merit will be prepared on the basis of performance in the Phase II.</u></p> | <p><b>Syllabus for Phase I:</b></p> <p>1. <b>General Medicine:</b> Cardiology, Respiratory diseases, Gastro-intestinal, Genito-Urinary, Neurology, Hematology, Endocrinology, Metabolic disorders, Infections/ Communicable Diseases, Virus, Rickets, Bacterial, Spirochetal, Protozoan, Metazoan, Fungus, Nutrition/Growth Diseases of the skin (Dermatology), Musculoskeletal System, Psychiatry, General, Emergency Medicine, Common Poisoning, Snake bite, Tropical Medicine, Critical Care Medicine, Emphasis on medical procedures, Patho physiological basis of diseases, Vaccines preventable diseases and Non vaccines preventable diseases, Vitamin deficiency diseases, In psychiatry include – Depression, psychosis, anxiety, bipolar diseases and Schizophrenia.</p> <p>2. <b>Pediatrics:</b> Common childhood emergencies, Basic new born care, Normal developmental milestones, Accidents and poisonings in children, Birth defects and counseling including autism, Immunization in children, recognizing children with special needs and management, and National programmes related to child health</p> <p>3. <b>Preventive social and community Medicine:</b> Social and Community Medicine, Concept of Health, Disease and Preventive Medicine, Health Administration and Planning, General Epidemiology, Demography and Health Statistics, Communicable</p> |

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|                           |                                                                                                                                                                                                                                                           | <p>Diseases, Environmental Health, Nutrition and Health, Non-communicable diseases, Occupational Health, Genetics and Health, International Health, Medical Sociology and Health Education, Maternal and Child Health, National Programmes, Management of common health problems, Ability to monitor national health Programmes, Knowledge of maternal and child wellness, Ability to recognize, investigate, report, plan and manage community health problems including malnutrition and emergencies.</p> <p><b>Syllabus for Phase II:</b><br/>Presentation slides may cover the following:<br/>1. Educational background, skill-sets and experience etc.</p>                                                                                                                                                                                                                                                          |
| 06<br>Assistant Registrar | <p><b>Phase I:</b> Domain Test: MCQs Type (Time 90 Minutes, Maximum Marks: 100)</p> <p><b>Phase II:</b> Personal Interview- <u>Phase I is for the purpose of screening. Final Merit will be prepared on the basis of performance in the Phase II.</u></p> | <p><b>Syllabus for Phase I:</b><br/>CCS (CCA) Rules 1965, CCS conduct rules, Central government service Rules, Office procedure, Deputation/ Lien rules, TA/DA, LTC, Central Services (Medical Attendance) Rules 1944, Advances to staff, RTI Act 2005, Disciplinary &amp; Vigilance authorities, rules and functions; CCS Leave Rules 1972, GPF/CPF/NPS Rules and Procedure, NIT Acts and statutes, role and functions of BoG, Finance Committee, Building and Works Committee, Senate and NIT Council, Powers and Functions of Director, Registrar, Deans, HoD's/ HoC's, Recruitment Rules/ Procedure etc. CCS (Pension) Rules 1972; National Pension Scheme, GST rules &amp; procedure. GeM Rules and procedure, Procurement of goods and services; GFR-2017.</p> <p><b>Syllabus for Phase II:</b><br/>Presentation slides may cover the following:<br/>1. Educational background, skill-sets and experience etc.</p> |
| 07<br>Assistant Librarian | <p><b>Phase I:</b> Domain Test: MCQs Type (Time 90 Minutes, Maximum Marks: 100)</p> <p><b>Phase II:</b> Personal Interview- <u>Phase I is for the purpose of screening. Final Merit will be prepared on the basis of performance in the Phase II</u></p>  | <p><b>Syllabus for Phase I:</b></p> <ol style="list-style-type: none"> <li>1. Information Sources and Services Knowledge organization- Classification and Cataloguing Information and Communication technology.</li> <li>2. Library Automation.</li> <li>3. Internet and its applications.</li> <li>4. Digital Library Initiatives- National and International level.</li> <li>5. Content Creation and Management.</li> <li>6. Information Storage and retrieval.</li> <li>7. Indexing.</li> <li>8. Content analysis - Abstract and abstracting.</li> <li>9. Vocabulary control.</li> <li>10. Information searching and media.</li> <li>11. Information retrieval system.</li> <li>12. Research methods/ methodology and Statistical techniques.</li> <li>13. Management of Library and Information Centers.</li> <li>14. Information and communication.</li> </ol>                                                      |

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|                                                |                                                                                                                                                                                                                                                          | <p>15. Open access scholarly communication.</p> <p>16. IPR- Intellectual Property Rights.</p> <p>17. Information analysis- consolidation and repackaging- concept process and products.</p> <p>18. Planning, management and marketing of an information consolidation unit.</p> <p>19. Information systems- management of Academic library system, special library system and business information system.</p> <p>20. Latest trends in LIS- Library and Information Science All topics related to required Managerial and communication skills.</p> <p><b>Syllabus for Phase II:</b><br/>Presentation slides may cover the following:<br/>1. Educational background, skill-sets and experience etc.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 08<br>Scientific Officer/<br>Technical Officer | <p><b>Phase I:</b> Domain Test: MCQs Type (Time 90 Minutes, Maximum Marks: 100)</p> <p><b>Phase II:</b> Personal Interview- <u>Phase I is for the purpose of screening. Final Merit will be prepared on the basis of performance in the Phase II</u></p> | <p><b>Syllabus for Phase I:</b></p> <ol style="list-style-type: none"> <li><b>Computer Network:</b> Concept of layering, LAN technologies (Ethernet), Flow and error control techniques, switching, IPv4/IPv6, routers and routing algorithms (distance vector, link state), TCP/UDP and sockets, congestion control, Application layer protocols (DNS, SMTP, POP, FTP, HTTP), Basics of Wi-Fi, Network security: Authentication, basics of public key and private key cryptography, Digital Signatures and Certificates, Firewalls.</li> <li><b>Programming and Data Structures:</b> Object Oriented Programming, Recursion, Arrays, Stacks, Queues, Linked lists, Trees, Binary Search Trees, Binary Heaps, Graphs, Sorting, Searching Algorithms.</li> <li><b>Databases: ER-model, relational model:</b> relational algebra, tuple calculus, SQL, integrity constraints, normal forms, File organization, indexing (e.g., B and B+ trees). Transactions and concurrency control.</li> <li><b>Web Applications:</b> HTML, CCS, Bootstrap, PHP, JavaScript, JQuery, AJAX</li> <li><b>Cyber Security:</b> Cyber Attacks, Cyber Security Vulnerabilities, Securing Web Application, Services and Servers, Intrusion Detection and Prevention, Access control, Audit Authentication, Cryptography, Ethical Hacking, Firewalls.</li> <li><b>Enterprise resource Planning (ERP), E-Office</b></li> </ol> <p><b>Syllabus for Phase II:</b><br/>Presentation slides may cover the following:<br/>1. Educational background, skill-sets and experience etc.</p> |

## Group- B

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| <p>09<br/>Technical Assistant/<br/>Junior Engineer</p> | <p><b>Phase I:</b> Written Test: MCQs Type (Time 90 Minutes, Maximum Marks: 100)<br/><b>Part- A (Syllabus attached in Annexure- B)</b></p> <p><b>Phase II:</b> Domain Test /Skill Test (Part- B)<br/><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>• Skill test is only qualifying in nature</li> <li>• Qualifying marks for domain test/ skill test will be 30% for UR, OBC, EWS &amp; SC/ ST qualifying marks will be 25%)</li> <li>• The evaluation of written test of Phase- I will be done only for those who have qualified in skill test as mentioned above.</li> </ul> | <p><b>Syllabus for Phase II (Part- B):</b><br/>Domain Test /Skill Test syllabus be comprising for the respective Departments/ Sections.</p> <p><b>The syllabus for the Domain Test/Skill Test will be designed based on the specific roles and responsibilities of each department or section, ensuring that candidates are tested on the skills and knowledge most relevant to their field.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <p>10<br/>Library and Information<br/>Assistant</p>    | <p><b>Phase I:</b> Written Test: MCQs Type (Time 90 Minutes, Maximum Marks: 100)<br/><b>Part- A (Syllabus attached in Annexure- B)</b></p> <p><b>Phase II:</b> Domain Test /Skill Test (Part- B)<br/><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>• Skill test is only qualifying in nature</li> <li>• Qualifying marks for domain test/ skill test will be 30% for UR, OBC, EWS &amp; SC/ ST qualifying marks will be 25%)</li> <li>• The evaluation of written test of Phase- I will be done only for those who have qualified in skill test as mentioned above.</li> </ul> | <p><b>Syllabus for Phase II (Part- B):</b></p> <ol style="list-style-type: none"> <li>1. <b>Library and Society:</b> Laws of Library Science: Types of Libraries; Library Associations, Systems and Programs; Library Movement and Library legislation in India; Organizations and Institutions involved in the development of Library and Information Services - UNESCO, IFLA, FID, INIS, NISSAT, etc.</li> <li>2. <b>Library Management:</b> Collection development - Types of Documents and Selection principles, Acquisition Procedure, Acquisition of Journals and Periodicals, Preparation of Documents for use; Library Personnel and Library Committee, Library Rules and Regulations; Library Finance and Budget; Principles of Library Management, Library Organization and Structure; Use and Maintenance of the Library - Circulation, Maintenance, Shelving, Stock Verification, Binding and Preservation, Weeding out, etc.</li> <li>3. <b>Library Classification Theory and Practice:</b> Canons and Principles, Library Classification Schemes- DDC, CC, UDC;</li> <li>4. <b>Library Cataloguing Theory and Practice:</b> Canons and Principles; Library Cataloguing Codes – CCC and AACR</li> <li>5. <b>Reference and Information Sources:</b> Bibliography and Reference Sources - Types of Bibliography; Reference Sources –Dictionaries, Encyclopedias, Ready Reference Sources, etc.; Sources of Information- Primary, Secondary, Tertiary,</li> </ol> |

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| 11<br>Superintendent | <p><b>Phase I:</b> Written Test: MCQs Type (Time 90 Minutes, Maximum Marks: 100)</p> <p><b>Part- A (Syllabus attached in Annexure- B)</b></p> <p><b>Phase II:</b> Domain Test /Skill Test (Part- B)</p> <p><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>• Skill test is only qualifying in nature</li> <li>• Qualifying marks for domain test/ skill test will be 30% for UR, OBC, EWS &amp; SC/ ST qualifying marks will be 25%)</li> <li>• The evaluation of written test of Phase- I will be done only for those who have qualified in skill test as mentioned above.</li> </ul> | <p><b>Syllabus for Phase II (Part- B):</b></p> <p>Question based on topics including CCS (CCA) Rules 1965, CCS conduct rules, Office procedure, rules for TA/DA, LTC, RTI Act 2005 along with amendments, Manual of Office Procedure, Types of official correspondence, CCS Leave Rules 1972, CCS (Pension) Rule and NPS, NIT Acts and statutes, GFR-2017, Brief about Ministry of Education, Govt. of India, Education system in India, Types of Educational Institutions and Educational Institute Ranking system in India, NEP-2020 etc.</p>                                                             |

## Group- C

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| <p>12<br/>Senior Technician</p> | <p><b>Phase I:</b> Written Test: MCQs Type (Time 90 Minutes, Maximum Marks: 100)<br/><b>Part- A (Syllabus attached in Annexure- B)</b></p> <p><b>Phase II:</b> Domain Test /Skill Test (Part- B)<br/><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>• Skill test is only qualifying in nature</li> <li>• Qualifying marks for domain test/ skill test will be 30% for UR, OBC, EWS &amp; SC/ ST qualifying marks will be 25%)</li> <li>• The evaluation of written test of Phase- I will be done only for those who have qualified in skill test as mentioned above.</li> </ul> | <p><b>Syllabus for Phase II (Part- B):</b><br/>Domain Test /Skill Test syllabus be comprising for the respective Departments/ Sections.</p> <p><b>The syllabus for the Domain Test/Skill Test will be designed based on the specific roles and responsibilities of each department or section, ensuring that candidates are tested on the skills and knowledge most relevant to their field.</b></p>                                                                                                                        |
| <p>13<br/>Senior Assistant</p>  | <p><b>Phase I:</b> Written Test: MCQs Type (Time 90 Minutes, Maximum Marks: 100)<br/><b>Part- A (Syllabus attached in Annexure- B)</b></p> <p><b>Phase II:</b> Domain Test /Skill Test (Part- B)<br/><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>• Skill test is only qualifying in nature</li> <li>• Qualifying marks for domain test/ skill test will be 30% for UR, OBC, EWS &amp; SC/ ST qualifying marks will be 25%)</li> <li>• The evaluation of written test of Phase- I will be done only for those who have qualified in skill test as mentioned above.</li> </ul> | <p><b>Syllabus for Phase II (Part- B):</b></p> <ol style="list-style-type: none"> <li>1. Basic Knowledge of NITs and its Act and statutes, Brief about Ministry of Education, Govt. of India, Education System in India, Types of Educational Institutions and Educational Institute Ranking system in India, Manual of office Procedure, Types of official correspondence, basic knowledge of official matters, service matter and leave rules, NPS, NEP-2020, GeM etc.</li> <li>2. Typing Test as per RRs 2019</li> </ol> |
| <p>14<br/>Technician</p>        | <p><b>Phase I:</b> Written Test: MCQs Type (Time 90 Minutes, Maximum Marks: 100)<br/><b>Part- A (Syllabus attached in Annexure- B)</b></p> <p><b>Phase II:</b> Domain Test /Skill Test (Part- B)<br/><b>NOTE:</b></p>                                                                                                                                                                                                                                                                                                                                                                    | <p><b>Syllabus for Phase II (Part- B):</b><br/>Domain Test /Skill Test syllabus be comprising for the respective Departments/ Sections.</p> <p><b>The syllabus for the Domain Test/Skill Test will be designed based on the specific roles and responsibilities of each department or section, ensuring that candidates are tested on the skills and knowledge most relevant to their field.</b></p>                                                                                                                        |

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                       | <ul style="list-style-type: none"> <li>• Skill test is only qualifying in nature</li> <li>• Qualifying marks for domain test/ skill test will be 30% for UR, OBC, EWS &amp; SC/ ST qualifying marks will be 25%)</li> <li>• The evaluation of written test of Phase- I will be done only for those who have qualified in skill test as mentioned above.</li> </ul>                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 15<br>Junior Assistant                | <p><b>Phase I:</b> Written Test: MCQs Type (Time 90 Minutes, Maximum Marks: 100)</p> <p><b>Part- A (Syllabus attached in Annexure- B)</b></p> <p><b>Phase II:</b> Domain Test /Skill Test (Part- B)</p> <p><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>• Skill test is only qualifying in nature</li> <li>• Qualifying marks for domain test/ skill test will be 30% for UR, OBC, EWS &amp; SC/ ST qualifying marks will be 25%)</li> <li>• The evaluation of written test of Phase- I will be done only for those who have qualified in skill test as mentioned above.</li> </ul> | <p><b>Syllabus for Phase II (Part- B):</b></p> <ol style="list-style-type: none"> <li>1. Basic Knowledge of NITs and its Act and statutes, Brief about Ministry of Education, Govt. of India, Education System in India, Types of Educational Institutions and Educational Institute Ranking system in India, Manual of office Procedure, Types of official correspondence, basic knowledge of official matters, service matter and leave rules, NPS, NEP-2020, GeM etc.</li> <li>2. Typing Test as per RRs 2019.</li> </ol> |
| 16<br>Lab Attendant/ Office Attendant | <p><b>Phase I:</b> Written Test: MCQs Type (Time 90 Minutes, Maximum Marks: 100)</p> <p><b>Part- A (Syllabus attached in Annexure- B)</b></p> <p><b>Phase II:</b> Domain Test /Skill Test (Part- B)</p> <p><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>• Skill test is only qualifying in nature</li> <li>• Qualifying marks for domain test/ skill test will be 30% for UR, OBC, EWS &amp; SC/ ST qualifying marks will be 25%)</li> <li>• The evaluation of written test of Phase- I will be done only for those who have qualified in skill test as mentioned above.</li> </ul> | <p><b>Syllabus for Phase II (Part- B).</b></p> <ol style="list-style-type: none"> <li>1. Reading Comprehension</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                    |

**Annexure- B**

NITD/Estt./Syllabus/2025

Date: 12-11-2025

Selection Process and Syllabus for multiple Non-Teaching vacancies advertised by this Institute against the Advertisement No. NITD/Estt./01/05/Non-Teaching/2025 dated 12-11-2025.

**Note: Institute reserves the right to increase or decrease the no. of phase(s) of selection process depending upon the no. of shortlisted candidates.**

| Sl No. | Part- A (Common for all the Group- B and C Posts)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | <b>Aptitude:</b> Averages, Number System, Profit and Loss, Time and Work, Problems on Trains, Compound Interest, Decimal Fractions, Calendar, Area, Problems on Numbers, Square Root and Cube Root, Probability, Interest, Percentage, Ratio, Time and Distance, Problems on Ages, Partnership, Clock, Simplifications, Volume and Surface, Problems on H.C.F and L.C.M, Logarithm, Chain Rule, Pipes and Cistern, Odd Man Out and Series, Height and Distance etc.                                                                                     |
| 2      | <b>Reasoning:</b> - Number Series Compilation, Missing Number Finding, Continuous Pattern Series, Direction Sense Test, Puzzle, Verbal Classification, Matching Definitions, Logical Deduction, Series Compilations, Classification, Missing Character Finding, Odd Man Out, Blood Relations, Analogy, Coding and Decoding, Truth Verification of The Statement, Syllogisms, Analogies, Verbal Reasoning, Statement And Conclusions, Letter and Symbol Series, Logical Problems, Logical Sequence Of Words, Arithmetic Reasoning, Data Sufficiency etc. |
| 3      | <b>General English:</b> Antonyms, Synonyms, Spelling Check, Change of Voice, Spotting Errors, Sentence Improvement, One Word Substitute, Selecting Words, Sentence Corrections, Idioms and Phrases, Communication Skills, Common Error Detection, Sentence Compilation, Ordering of Words, Ordering of Sentences, Verbal Analogies, Sentence Formation, Completing Statements, Change of Speech etc.                                                                                                                                                    |
| 4      | <b>Data Interpretation:</b> Pie Chart, Bar Chart, Line Chart, Table Chart etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 5      | <b>General Knowledge:</b> Indian History, Indian Economy, Indian Culture, Environmental Science, Awards and Honors, Famous Places in India, World Organization, Sports, Books and Authors, Famous Personalities, Days and Years, Indian and World Geography, Indian Politics, General Sciences, and Current Affairs etc.                                                                                                                                                                                                                                |
| 6      | <b>Computer Fundamentals:</b> Operating System, MS Office, Internet based operations and Database management etc.                                                                                                                                                                                                                                                                                                                                                                                                                                       |