

ANNEXURE I

SI No	Post	Education Qualification	Post Qualification Work Experience	Job Profile
1	Application Developer (Vacancies-7)	<p>Mandatory: Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p> <p>4 years' of engineering/ Technology degree in Computer Science/ IT / Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p style="text-align: center;">OR</p> <p>Post Graduate Degree in Computer Science/ IT/ Computer Application/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p>Desirable: DotNet latest version 4 and above, Oracle 19c or above/ SQL, MVC, C#, JQuery, JavaScript, Bootstrap, any CSS frame work, Flutter Flow with knowledge of flutter/dart or React Native and NodeJS.</p>	<p>Mandatory: 3 years' in relevant field.</p> <p>Desirable: 5 years' in relevant field.</p> <p>Preference will be given to candidates with hands on experience on Dot Net latest version 4 and above, Oracle 19c or above/ SQL, MVC, C#, JQuery, JavaScript, Bootstrap, any CSS frame work, Flutter Flow with knowledge of flutter/dart or React Native and NodeJS.</p> <ul style="list-style-type: none"> • Experience in development of Banking/Fintech products, Understanding of Banking Terms and Business logic • Knowledge of Secure Coding Practices, OWASP, Obfuscation etc. • Having multi programming language/development environment skill. <p>Having valid OEM Certification suitable/as defined to the post</p>	<ul style="list-style-type: none"> • Programming/ development activities including development of packages/ applications/ APIs activities. • Development of web pages, windows application, console application, command line programs, APIs, writing business logic, creation of DB objects, developing reports, writing scripts etc. • Adhere the technologies/languages/platforms which are adopted by the Bank. • Troubleshooting of any existing applications/packages to make the application working. • Unit testing of the modules and correct the bugs/errors if any. • Awareness of SDLC and Secure Coding practices. • Maintain Application/ Change Request register for development activities. • Any other work entrusted by the Bank from time to time.

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2	Cloud Administrator (Vacancies-2)	<p>Mandatory: Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p> <p>4 years of engineering/ Technology degree in Computer Science/ IT/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p style="text-align: center;">OR</p> <p>Post Graduate Degree in Computer Science/ IT/ Computer Application/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p>Mandatory Certification: Any certifications from Cloud OEMs like AZURE/ AWS/ GCS/ ORACLE or reputed associations.</p>	<p>Mandatory: 3 years' hands on experience on Application migration from private to public cloud, cloud native Apps of multiple OEMs like Microsoft/ Amazon/ Google etc.</p> <p>Desirable: 5 years' hands on experience on Application migration from private to public cloud, cloud native Apps of multiple OEMs like Microsoft/ Amazon/ Google etc.</p>	<ul style="list-style-type: none"> • Willing to work in multi-site 24X7 IT environment. • Troubleshooting of cloud applications/ DBs. • Cloud performance monitoring/tuning. • Should have architectural knowledge on private/public/hybrid clouds. • Should be able to administer cloud applications performance/ troubleshooting/ monitoring. • Should be able to migrate applications from on-premises to public cloud. • Designing and Automation on cloud native applications. • Daily performance monitoring of cloud applications. • Troubleshooting of cloud applications. • Health checkup of Hardware/ software of cloud connectivity. • Should participate in design of cloud application migrations. • Writing automation scripts for improving the daily legacy jobs. • Any other work entrusted by the Bank from time to time.
3	Cloud Security Analyst (Vacancies-2)	<p>Mandatory: Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p>	<p>Mandatory: 2 years' in Cloud environment.</p>	<ul style="list-style-type: none"> • Review of IT projects in terms of information security, preparing controls for security in various platforms like virtualization, Cloud etc. • Security architecture review of cloud infrastructure designs.

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		<p>BE / B-Tech /M-Tech in Computer Science/ Information Technology/ Computer Engineering/ Computer Science & Technology/ Information Science and Engineering/ Electronics and Communications Engineering or MCA with minimum 60% marks or Equivalent Grade of First Class.</p> <p>Mandatory Certification:</p> <p>Anyone of CCSP/ CCSK/CCAK OCI or AWS or Azure or Google Cloud Certified (Preferably Security Specializations)</p>	<p>Desirable:</p> <p>Preference will be given to candidates with work experience in IT/Cyber Security Organization/ Cyber Security Operations center with Banking/ Financial Services/ Insurance Sector (BFSI) Experience/ IT Consulting Organization (Cert IN empaneled)/ Fintech.</p>	<ul style="list-style-type: none"> • Provide security architecture designs and reviews for IT projects having cross multiple platforms. • IT Risk assessment and mitigation. • Develop Cloud Risk Assessment plans to assess client's cloud security posture and identify risks, provide recommendations for improvement and risk reduction. • Evaluation of new Cyber security solutions and implementation etc. • Understanding of Container, Kubernetes, API & Micro service Architecture etc. • Understanding of cloud security implications of public and private cloud infra design. • Thorough understanding of private / public cloud architectures and deployment models. • Any other work entrusted by the Bank from time to time.
4	Data Analyst (Vacancies-1)	<p>Mandatory:</p> <p>Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p> <p>B.Tech/M.Tech/BCA/MCA/MA Statistics, Expertise in Data Analytics</p>	<p>Mandatory:</p> <p>3 years' in Data Analytics / Machine Learning / Model Creation / Model Tuning</p>	<ul style="list-style-type: none"> • Should have proven records of Decision-making • Business requirement translation • Stakeholders Management • Should have knowledge of SQL, Excel, Word, PPT etc. • System Integration Testing, User Acceptance Testing, Production Movement • Evaluate existing models and improve efficiency, • Manage risks by interpreting complex data set • Technical Proficiency in Problem Solving of all domains mentioned above • Good Communication Skills • Adaptability to existing/ new IT environment • Analyzing complaints, categories, based on analysis taking up with different Departments in bridging the gaps so as to achieve maximum customer

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				<p>satisfaction and ensure quality resolution of complaints.</p> <ul style="list-style-type: none"> Any other work entrusted by the Bank from time to time.
5	<p>Data base Administrator (Vacancies-9)</p>	<p>Mandatory: Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation 4 years' of engineering/ Technology degree in Computer Science/ IT/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p style="text-align: center;">OR</p> <p>Post Graduate Degree in Computer Science/ IT/ Computer Application/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p>Mandatory Certification: Valid OEM Certification like Oracle Certified Associate (OCA)/ Oracle Certified Professional (OCP) / Certifications in MS SQL.</p>	<p>Mandatory: 3 years' in relevant field.</p> <p>Desirable: 5 years' in relevant field.</p> <ul style="list-style-type: none"> Onsite Experience in Banking/Finance/Insurance companies Data Centre. Experience in Handling Multi-OEM products (i.e. Server/OS/NW Device etc. as applicable for that role) Experience in handling shifts duty singly i.e. handling escalation, troubleshooting, RCA etc. Experience in handling production environment with 99.5% SLA requirement. <p>Having valid OEM Certification suitable/as defined to the post.</p>	<ul style="list-style-type: none"> Willing to work in multi-site 24X7 IT environment. Database Administration in Oracle / SQL SERVER RDBMS. Good Working Knowledge in Oracle 19c/PL SQL. Maintaining Database, DBA Report Generation, Generation and analysis of AWR, ADDM, ASH or equivalent reports in MS SQL SERVER. Rectification of problems in database Defining Oracle Parameters etc., Export/Import, RMAN, SQL Loader, TTS (Transportable Tablespace) Data backups restoration and Recovery. Installation / Administration/ Configuration of Databases in RAC/Single Instance on ASM/FS as per the Bank requirement. Maintaining data guard/log shipping configurations. Applying Database patches as per the Bank's Policy. Hardening the Databases as per the Bank's Policy. Working closely with application teams for performance tuning and troubleshooting of related issues for optimum service delivery. Trouble Shooting, Purging, Archiving, Backup, Re-organization of database, Performance Tuning etc. Liaison with various in-house and/or third party teams and ensure achieving the committed service level objectives. Any other work entrusted by the Bank from time to time.

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		Certification should be that Of 19c or higher version.		
6	Data Engineer (Vacancies-2)	<p>Mandatory:</p> <p>Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p> <p>4 years' of engineering/ Technology degree in Computer Science/ IT/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p style="text-align: center;">OR</p> <p>Post Graduate Degree in Computer Science/ IT/ Computer Application/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p>Mandatory Certification:</p> <p>IBM Data Engineering Professional Certificate / Cloud Data Engineer Professional Certificate / IBM Data Warehouse Engineer Professional Certificate / Meta Database Engineer Professional Certificate</p>	<p>Mandatory:</p> <p>3 years' in relevant field.</p> <p>Desirable:</p> <p>5 years' in relevant field.</p> <p>Desirable Skills:</p> <ul style="list-style-type: none"> • Advanced SQL and relational database management skills. • Experience in Object-oriented programming languages, either (Python + Java) or (Python + Scala). • Experience in distributed computing frameworks, such as Hadoop or Spark Data pipelines and workflow management tools (e.g., Airflow) Cloud-based solutions (e.g., AWS, Azure, Google Cloud). • Ability to analyse source systems and data formats to be ingested. Create ingest pipelines, or a logical connection between a source and multiple destinations, build data pipelines to ingest 	<ul style="list-style-type: none"> • Collecting, managing, and converting raw data into information that can be interpreted by data scientists and business analysts. • Build and maintain data systems. • Architecture design ETL processes. • Data pipeline management. • Machine learning model deployment Cloud management. • Data monitoring. • Advanced SQL skills and relational database management. • Object-oriented programming languages either (Python+Java) or (Python+Scala). • Experience in distributed computing frameworks, such as Hadoop or Spark Data pipelines and workflow management tools (e.g. Airflow) Cloud-based solutions (e.g. AWS, Azure, Google Cloud). • Strong project management and organizational skills. • Analyze source systems and data formats to be ingested. • Create ingest pipelines, or a logical connection between a source and multiple destinations, build data pipelines to ingest batch, real-time and streaming data. • Understand business and technical logic and build complex data transformations. • Work with business analyst to validate transformation output. • Work with data scientists to build and validate analytical transformations. • Any other work entrusted by the Bank from time to time.

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			batch, real-time and streaming data	
7	Data Mining Expert (Vacancies-2)	<p>Mandatory: Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p> <p>4 years' of engineering/ Technology degree in Computer Science/ IT/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p style="text-align: center;">OR</p> <p>Post Graduate Degree in Computer Science/ IT/ Computer Application/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p>	<p>Mandatory: 3 years' in relevant field.</p> <p>Desirable: 5 years' in relevant field.</p> <p>Desirable Skills:</p> <ul style="list-style-type: none"> • Proven experience in either R or Python. • Ability to perform model deployment, summarization, visualization, and designing and implementation of Big data scalable workflow systems. • Understanding of MLOps, AutoML and Auto-adaptive machine learning. • Understanding of storage architectures such as Data Warehouse and Data Lakes. • Understanding of Time series forecasting, Batch/Real Time analytics/NLP and model deployment. 	<ul style="list-style-type: none"> • Study Business Requirement to conceptualize the Data Mining model. • Design model framework and select modelling technique. • Design and review the solution envisioning of the Data Mining architecture including design and review of data mining models, security mechanism and channel integration framework etc. • Implement model, perform validation and feasibility check. • Perform model deployment, summarization and visualization. • Designing and implementation of Big data scalable workflow systems. • Develop functionalities as per requirement for the various platforms. • Expert in SQL. • Knowledgeable in either R or Python. • Understanding of MLOps, AutoML and Auto-adaptive machine learning. • Understanding of storage architectures such as Data Warehouse, Data. • Understanding of Time series forecasting, Batch/Real Time analytics/NLP and model deployment. • Familiarity with public cloud AI/ML development including AWS, GCP, Azure. • Any other work entrusted by the Bank from time to time.

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8	Data Scientist (Vacancies-2)	<p>Mandatory: Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p> <p>4 years' of engineering/ Technology degree in Computer Science/ IT/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p style="text-align: center;">OR</p> <p>Post Graduate Degree in Computer Science/ IT/ Computer Application/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p>Desirable Certification: Certified Analytics Professional (CAP) / Cloudera Data Platform Generalist Certification / Data Science Council of America (DASCA) Senior Data Scientist (SDS) / Data Science Council of America (DASCA) / Principal Data Scientist (PDS) / IBM Data Science Professional Certificate / Microsoft Certified: Azure AI</p>	<p>Mandatory: 3 years' in relevant field.</p> <p>Desirable: 5 years' in relevant field.</p> <p>Desirable Skills:</p> <ul style="list-style-type: none"> • Certified Analytics Professional (CAP) / Cloudera Data Platform Generalist Certification / Data Science Council of America (DASCA) Senior Data Scientist (SDS) / Data Science Council of America (DASCA) / Principal Data Scientist (PDS) / IBM Data Science Professional Certificate / Microsoft Certified: Azure AI Fundamentals / Microsoft Certified: Azure Data Scientist Associate / Open Certified Data Scientist (Open CDS) / SAS Certified AI and Machine Learning Professional / SAS Certified Advanced Analytics Professional using SAS 9 / SAS Certified Data Scientist / TensorFlow Developer Certificate. 	<ul style="list-style-type: none"> • Collect structured and unstructured data, pre-processing of data, building predictive models, providing insights. • Python, R Programming, SQL, Data Analysis & Visualization, Machine Learning with Artificial Intelligence, Big Data. • Gather a large amount of data, analyze it, separate out the essential information, and then utilize tools like SAS, R programming, Python, etc. to extract insights that may be used to increase the productivity and efficiency of the business. • Should have deep understanding of statistical and predictive modelling concepts, machine-learning approaches, clustering and classification techniques, and recommendation and optimization algorithms. • Any other work entrusted by the Bank from time to time.

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		<p>Fundamentals / Microsoft Certified: Azure Data Scientist Associate / Open Certified Data Scientist (Open CDS) / SAS Certified AI and Machine Learning Professional / SAS Certified Advanced Analytics Professional using SAS 9 / SAS Certified Data Scientist / Tensorflow Developer Certificate</p>	<ul style="list-style-type: none"> • Ability to collect structured and unstructured data, pre-processing of data, building predictive models, providing insights. • Experience in Python, R Programming, SQL, Data Analysis & Visualization, Machine Learning with Artificial Intelligence, Big Data. • Ability to gather a large amount of data, analyse it, separate out the essential information, and then utilize tools like SAS, R programming, Python, etc. to extract insights that may be used to increase the productivity and efficiency of the business. • Deep understanding of statistical and predictive modelling concepts, machine-learning approaches, clustering and classification techniques, and recommendation and optimization algorithms. 	

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9	Ethical Hacker & Penetration Tester (Vacancies-1)	<p>Mandatory: Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p> <p>BE / B-Tech Degree or Post Graduate Degree in Computer Science/ Computer Technology / Computer Engineering/Computer Science and Technology/Computer Science and Engineering/ Information Technology/ Information Science and Engineering/ Electronics and Communications Engineering or MSc (Computer).</p> <p>Mandatory Certification: Must possess Certified Ethical Hacker (CEH) certification/ OSCP/ ECSCA.</p>	<p>Mandatory: 2 years' in relevant field.</p> <p>Desirable: Experience in BFSI sector is preferable. Desirable to have CISM/ CISSP certification.</p>	<ul style="list-style-type: none"> • Conducting red teaming, ethical hacking assessments, VAPT, Dynamic application Security Testing, SAST, secure configuration audit, review secure configuration document and identifying security risks in Bank's systems and providing remedial measures, validation of assessments etc. • The selected candidate may be required to work in shifts and should be willing to work in all areas of Information security/ cyber security. • Any other work entrusted by the Bank from time to time.
10	ETL (Extract Transform Load) Specialist (Vacancies-2)	<p>Mandatory: Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p> <p>4 years' of engineering/ Technology degree in Computer Science/ IT/ Electronics and Communication Engineering/ Electronics and</p>	<p>Mandatory: 3 years' in relevant field.</p> <p>Desirable: 5 years' in relevant field.</p>	<ul style="list-style-type: none"> • Design, implement, and continuously expand data pipelines by performing extraction, transformation, and loading activities, designing, building, automating, and maintaining sophisticated programs that extract, convert, and load data. • SQL knowledge (query performance tuning, index maintenance, etc.). • Knowledge of data modelling principles. • Organizational skills: time management and planning.

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		<p>Telecommunication/ Electronics and Instrumentation.</p> <p style="text-align: center;">OR</p> <p>Post Graduate Degree in Computer Science/ IT/ Computer Application/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p>Desirable:</p> <p>Cloudera Certified Professional: Data Engineer / Informatica Certified Professional: Data Integration / Oracle Certified Master, Data Integration & ETL / IBM Certified Solution Developer – InfoSphere DataStage / Microsoft Certified Solutions Expert (MCSE): Business Intelligence.</p>	<p>Desirable Skills:</p> <ul style="list-style-type: none"> • Working knowledge of SQL (query performance tuning, index maintenance, etc.). • Knowledge of data modelling principles. • Knowledge of at least one ETL tool (SSIS, Informatica, Talend, etc.) • Knowledge of various SQL/NoSQL data mechanisms and Big Data technologies 	<ul style="list-style-type: none"> • Knowledge of at least one ETL tool (SSIS, Informatica, Talend, etc.) • Knowledge of various SQL/NoSQL data mechanisms and Big Data technologies. • ETL process management. • Data modelling. • Data warehouse architecture. • Data pipeline (ETL tools) development. • ETL testing. • Any other work entrusted by the Bank from time to time.
11	GRC Analyst-IT Governance, IT Risk & Compliance (Vacancies-1)	<p>Mandatory:</p> <p>Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p> <p>BE/ B-Tech /M-Tech in Computer Science/Computer Technology/ Computer Engineering/ Computer Science and Technology/ Information Science and</p>	<p>Mandatory:</p> <p>2 years' in relevant field.</p> <p>Desirable:</p> <p>Preference will be given to candidate with work experience in Banking/ Financial Services.</p>	<ul style="list-style-type: none"> • Review Banks existing data and process and map existing data into solution. • Map process of the solution with Banks existing process. • Train and handhold SPOCs (Single point of contact) on each use-case as currently configured in Archer. • Coordination with the state holders. • Report generation and presentation. • Daily operations coordination and troubleshooting activity.

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		<p>Engineering/ Electronics and Communications Engineering or MCA with minimum 60% marks or Equivalent Grade of First Class.</p> <p>Mandatory Certification: CISA/CISM/CGEIT</p> <p>Desirable Certification: CRISC (Certified in Risk and Information Systems Control)/ CGRC (Certified in Governance Risk and Compliance). RSA Archer Certified Associate/ RSA Archer Certified Administrator (Specialist or Expert)</p>		<ul style="list-style-type: none"> • The selected candidate maybe required to work in shifts and should be willing to work in all areas of information security/ cyber security. • Any other work entrusted by the Bank from time to time.
12	Information Security Analyst (Vacancies-2)	<p>Mandatory: Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation BE / B-Tech /M-Tech in Computer Science/ Computer Technology/ Computer Engineering/ Computer Science and Technology/ Information Science and Engineering/ Electronics and Communications Engineering or MCA with minimum 60% marks or</p>	<p>Mandatory: 2 years' in relevant field.</p> <p>Desirable: Preference will be given to candidate with work experience in IT/ Cyber Security Organization/ Cyber Security Operations Centre with Banking/ Financial Services/ Insurance Sector (BFSI) experience/ IT Consulting</p>	<ul style="list-style-type: none"> • Analysis of application/IT infrastructure from Information Security standpoint. • Analysis of various network permissions. • Analysis of IT exceptions. • Analysis of cloud security posture and latest technologies such as containerization, Kubernetes, API & Micro service Architecture etc. • Review of IT projects in terms of information security, preparing controls for security in various platforms like virtualization, Cloud etc. • Analysis of security threats on remote access solutions, new IT products etc. • Security architecture review of cloud infrastructure designs.

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		Equivalent Grade of First Class. Mandatory Certification: Any one of CISA, CISM, CISSP	organization (CERT IN empaneled)/ Fintech	<ul style="list-style-type: none"> • Provide security architecture designs and reviews for IT projects that cross multiple platforms. • IT Risk assessment and mitigation. • Develop Cloud Risk Assessment plans to assess clients cloud security posture and identify risks, provide recommendations for improvement and risk reduction. • Evaluation of new Cyber security solutions and implementation etc. • Review of coding practices etc. • The selected candidate may be required to work in shifts and should be willing to work in all areas of information security/cyber security. • Any other work entrusted by the Bank from time to time.
13	Network Administrator (Vacancies-6)	Mandatory: Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation 4 years' of engineering/ Technology degree in Computer Science/ IT/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation. OR Post Graduate Degree in Computer Science/ IT/ Computer Application/ Electronics and Communication Engineering/ Electronics and	Mandatory: 3 years' in relevant field. Desirable: 5 years' in relevant field. <ul style="list-style-type: none"> • Onsite Experience in Banking/Finance/Insurance companies Data Centre. • Experience in Handling Multi-OEM products (i.e. Server/OS/NW Device etc. as applicable for that role) • Experience in handling shifts duty singly i.e. handling escalation, troubleshooting, RCA etc. 	<ul style="list-style-type: none"> • Maintaining and monitoring Network and Network Equipment. • Maintaining and monitoring Security Devices (Firewalls, Firewall Analyzers, Proxy Servers & WAFs) and Load Balancers. • Maintaining and monitoring of SDWAN. • Maintaining and monitoring of Video Conferencing and IP Telephony. • Network Monitoring and trouble-shooting. • Liaising with telecom service provider. • Ensuring maximum uptime of the network. • Working Knowledge in NMS, NCCM & IPAM tools. • Evaluating trends. • Anticipating requirements and making changes to keep the organization secure. • Working knowledge of Routing and switching. • Drawing up specifications for procurement of Network devices including routers, Switches & SDWANs. • Implementation of Network Admission Control (NAC).

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		<p>Telecommunication/ Electronics and Instrumentation.</p> <p>Mandatory Certification:</p> <p>Should possess a valid CCNA / CCNP certification or any other Network OEM's equivalent (Professional / Associate level) Certification in Network switching & Routing or Security Certification (Candidates with Professional level certification will be given preference)</p>	<ul style="list-style-type: none"> • Experience in handling production environment with 99.5% SLA requirement. • Having valid OEM Certification suitable/as defined to the post. 	<ul style="list-style-type: none"> • Network Troubleshooting, Network Protocols, Routers, Network Administration. • Any other work entrusted by the Bank from time to time.
14	<p>Network Security Analyst</p> <p>(Vacancies-1)</p>	<p>Mandatory:</p> <p>Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p> <p>BE / B-Tech Degree or Post Graduate Degree in Computer Science/ Computer Technology / Computer Engineering/ Computer Science and Technology/ Computer Science and Engineering/ Information Technology/ Information Science and Engineering/ Electronics and Communication Engineering or MCA with minimum 60% marks or equivalent grade.</p>	<p>Mandatory:</p> <p>5 years' of IT experience and minimum 3 years' of post-qualification work experience in network security in handling security solutions and various Information Security related roles including Network Security, identifying security risk and development plan.</p> <p>Desirable:</p> <p>Preference will be given to candidate with work experience in large organizations/ Cyber Security Operations Center with Banking/ Financial Services/ Insurance Sector(BFSI) experience.</p>	<ul style="list-style-type: none"> • Implement, manage and maintaining security solutions. • Investigate suspicious activities, contain and prevent them. • Ability to correlate threat across Banks infrastructure. • Create reports that will allow experts to make changes in the security policies as per the needs of the organization. • Installation, upgrades, monitoring of network devices, analysis of logs, alerts and incident management, root cause analysis, troubleshooting, health status checkup of network devices, backup maintenance, version upgradation, DR drill of network devices. • Strong knowledge of Network Security solutions like different types of firewalls/ WAF/ IPS/IDS/ Anti APT/ Next Generation Firewalls/ NAC/ Anti DDOS/ NBAD. • Follow up with OEM and SI regarding resolution of different issues and RMA in case of hardware failure. • Find security breaches, along with their root cause. • Any other work entrusted by the Bank from time to time.

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		<p>Mandatory Certification: CCNP Security Certification.</p> <p>Desirable Certification: CISM or CISSP</p>		
15	Officer (IT) API Management (Vacancies-3)	<p>Mandatory: Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation 4 years' of engineering/ Technology degree in Computer Science/ IT/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p style="text-align: center;">OR</p> <p>Post Graduate Degree in Computer Science/ IT/ Computer Application/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p>Mandatory Certification: Certified Solution Implementer/ Architect/ API Management from reputed OEM</p>	<p>3 years' in APIs & Middleware.</p> <p>Experience:</p> <ul style="list-style-type: none"> • API Design and Development: Experience in designing, developing, and deploying APIs using best practices like RESTful principles. • API Lifecycle Management: Understanding the entire lifecycle of APIs, including creation, versioning, documentation, and governance. • Integration Experience: Experience integrating APIs with different applications and systems using middleware stools. • Troubleshooting and Monitoring: The ability to troubleshoot API issues, monitor performance, and identify bottlenecks. 	<ul style="list-style-type: none"> • Development/ Enhancement/ Management/ Implementation APIs as per overall Digital Strategies and Business Development. • Working with Cross-Functional Teams for integrated digital experience. • API Design, Cross-Platform Development, API orchestration, Integration. • Management/ Implementation of APIs. • Any other work entrusted by the Bank from time to time.

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			<p>Technical Skills:</p> <ul style="list-style-type: none"> • API Management Tools: Expertise & certification in a specific API Management platform like Apigee, is Preferable. • Middleware Technologies: Understanding of middleware concepts like message queuing, data transformation, and protocol translation is crucial. • Programming Languages: Familiarity with scripting languages like Python, Java, .net, or Shell scripting is often required for automation tasks. • Security Protocols: Knowledge of security protocols like OAuth and OpenID Connect is essential for seeming APIs. <p>Other Desirable Skills</p> <p>Understanding of DevOps principles can be beneficial for streamlining APT development and deployment processes</p> <p>Communication and collaboration skills are important for working</p>	

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			with developers, business stakeholders, and other IT professionals.	
16	Officer (IT) Database/PL SQL (Vacancies- 2)	<p>Mandatory:</p> <p>Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p> <p>4 years' of engineering/ Technology degree in Computer Science/ IT/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p style="text-align: center;">OR</p> <p>Post Graduate Degree in Computer Science/ IT/ Computer Application/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p>Desirable Certifications:</p> <p>Oracle Database Certifications preferable.</p>	<p>3 years' in relevant field.</p> <ul style="list-style-type: none"> • Experience with Database Design: Understanding of database design principles for creating efficient and scalable databases. • Experience with Data Modeling: Ability to model data relationships and create effective database schemas. • Experience with Database Tuning: Skills to diagnose and improve the performance of database queries. • Experience with Writing Procedures and Functions: Ability to write maintainable and efficient PL/SQL code to automate database tasks. <p>Technical Skills:</p> <ul style="list-style-type: none"> • SQL: Strong understanding of SQL for querying, manipulating, and managing data in relational data bases. • PL/SQL: Proficiency in PL/SQL for writing procedures, functions, triggers, and packages to automate 	<ul style="list-style-type: none"> • PL/SQL developer. • To assist in understanding Table structure, understand queries, assist in troubleshooting issues in projects and productions by analysing different outputs. • Any other work entrusted by the Bank from time to time.

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			<p>database tasks and enhance functionality.</p> <p>•Database Administration: Familiarity with database-administration tasks like user management, security, backup and recovery, and performance optimization.</p> <p>•Specific Database Platform: In-depth knowledge of a particular database platform like Oracle Database, Microsoft SQL Server, or MySQL.</p>	
17	Officer (IT) Digital Banking & Emerging Payments (Vacancies-2)	<p>Mandatory:</p> <p>Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p> <p>4 years' of engineering/ Technology degree in Computer Science/ IT/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p style="text-align: center;">OR</p> <p>Post Graduate Degree in Computer Science/ IT/ Computer Application/ Electronics and Communication</p>	<p>3 years' in Digital Banking. Payments Systems & Settlements Area</p> <p>Technical Knowledge:</p> <ul style="list-style-type: none"> • Understanding of Digital Banking Products: This includes internet banking, mobile banking, digital wallets, UPI, USSD, IMPS etc. Digital Banking & Emerging Payment (DB & EP)]. • Payment Systems and Technologies: Knowledge of payment rails, settlement mechanisms, new trends like 	<ul style="list-style-type: none"> • Preparation of Product Development/ Enhancement/ Transformation Plan for Digital Banking/ Financial Products. • Preparing Digital Journeys for new/ existing Banking/ Financial products and Customer on boarding. • Working with Cross-Functional Teams for creation of digital journeys for overall Customer Experience and aligning with Digital Strategy. • Planning, Designing and Implementation of Digital Payment Journeys. • Developing/ Implementing/ Marketing Payment Channels/ Systems such as ATM/POS/UPI/IMPS/ Credit, Debit & Prepaid Cards. • Creation/ Implementation of products/ services and strategies for Merchant Acquiring Business, Merchant Management. • Payment Gateway / Payment Aggregators Management.

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		Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.	<p>QR codes, NFC, etc. is essential.</p> <ul style="list-style-type: none"> • Data Analysis Skills: The ability to work with data, including building models and generating reports, is increasingly sought after. 	<ul style="list-style-type: none"> • Aligning with Digital Marketing team for production creation and marketing. • Creation of Digital Lending and Lending Journeys. • Identifying emerging technologies and planning / execution for implementation. • Working with cross-functional teams and partners for creating/ implementing innovative products/ services based on new/ emerging technologies. • Collaboration with FinTechs. • Collaboration and Knowledge Sharing. • Planning and Executing Digital Marketing Campaigns. • Experience in implementation and management of one or more of job profile areas. • Development/ Enhancement/ Management/ Operation/ Monitoring of Digital Products/ Services/ Journeys/ Setup for alignment with overall Digital Strategies and Business Development. • Working with Cross-Functional Teams for creation of overall Customer Experience. • Any other work entrusted by the Bank from time to time.
18	Platform Administrator (Vacancies-1)	<p>Mandatory:</p> <p>Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p> <p>4 years' of engineering/ Technology degree in Computer Science/ IT/ Electronics and Communication Engineering/ Electronics and</p>	<p>Mandatory:</p> <p>3 years' of experience as a Platform Administrator & Systems Administrator or similar role.</p> <p>The candidate should have experience & possess the below skill sets:</p>	<ul style="list-style-type: none"> • Hybrid Infrastructure Management: Design, deploy, monitor, and maintain a robust platform that seamlessly integrates on premise and cloud environments. • Linux System Administration: Proficiently manage Linux systems, performing tasks such as troubleshooting, user account management, resource allocation, and performance optimization. • VM/Containerization: Knowledge and experience in system-level virtualization or application-level virtualization over multiple network resources so that software applications can run in containers in any cloud

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		<p>Telecommunication/ Electronics and Instrumentation.</p> <p style="text-align: center;">OR</p> <p>Post Graduate Degree in Computer Science/ IT/ Computer Application/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p>Desirable:</p> <p>Master's degree in Computer Science or Information Technology.</p> <p>Desirable Certification:</p> <p>Candidates with any of the below certification will be given preference.</p> <p>AWS/Azure/GCP Certified Administrator - Associate Certification/Professional certification</p> <p style="text-align: center;">OR</p> <p>Certified Administrator for HPE Data Fabric/HPE Ezmeral</p> <p style="text-align: center;">OR</p>	<ul style="list-style-type: none"> • Experience in Hybrid Infrastructure Management: Design, deploy, monitor, and maintain a robust platform that seamlessly integrates on premise and cloud environments. • Experience in Linux System Administration: Proficiently manage Linux systems, performing tasks such as troubleshooting, user account management, resource allocation, and performance optimization. • Experience in VM/ Containerization: Knowledge and experience in system-level virtualization or application-level virtualization over multiple network resources so that software applications can run in containers in any cloud or non-cloud environment, regardless of type or vendor (hypervisor /Kubernetes /Open shift) • Expertise in Networking: Demonstrate a solid understanding of networking concepts (TCP/IP, DNS, firewalls, load balancing) to 	<p>or non-cloud environment, regardless of type or vendor (hypervisor /Kubernetes /Open shift)</p> <ul style="list-style-type: none"> • Security/Data Protection: Implement and enforce robust security measures across all systems, including network security, access control, data encryption, and vulnerability assessments and fix. • Networking Expertise: Demonstrate a solid understanding of networking concepts (TCP/IP, DNS, firewalls, load balancing) to diagnose and resolve connectivity issues. • Versatile Application Support: Provide troubleshooting and support for a wide range of applications deployed on our platform, ensuring their smooth functioning. • Automation and Scripting: Utilize scripting languages (Python, Bash, etc.) to automate routine tasks, enhance efficiency, and streamline processes. • Incident Management and Troubleshooting: Rapidly respond to and resolve incidents, proactively identifying and mitigating potential risks to uptime. • Problem Solving and Analysis: Adopt a methodical problem-solving approach to address complex technical challenges. • Big Data and Cloud Fluency: Possess working knowledge of big data technologies (e.g., Hadoop, Spark), and cloud platforms (AWS, Azure, GCP) to support their effective integration within the overall infrastructure. • Continuous Learning: Stay abreast of emerging technologies and industry best practices, continuously enhancing your skillset. • Any other work entrusted by the Bank from time to time.

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		Cloudera Data Platform (CDP) Certification OR Any other similar certification	diagnose and resolve connectivity issues. Automation and Scripting: Utilize scripting languages (Python, Bash, etc.) to automate routine tasks, enhance efficiency, and streamline processes. • Excellent communication, collaboration, and problem-solving skills. Desirable: 7 years' experience in both on-premises platform administration and cloud resource management Experience with containerization (Docker, Kubernetes) in addition to the experience mentioned in mandatory experience field.	
19	Private Cloud & VMWare Administrator (Vacancies-1)	Mandatory: Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation 4 years' of engineering/ Technology degree in Computer Science/ IT/ Electronics and Communication Engineering/ Electronics and	Mandatory: 3 years' in relevant field. Desirable: 5 years' in relevant field. • Onsite Experience in Banking/Finance/Insurance companies Data Centre.	<ul style="list-style-type: none"> • Willing to work in multi-site 24X7 IT environment. • Provisioning of Virtual machines, data stores, port group etc., • Health monitoring and perform maintenance in terms of resource utilization • Patch management of all components • Identify and implement rectified operational issues. • Monitoring & handling real time alarms (alerts).

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		<p>Telecommunication/ Electronics and Instrumentation.</p> <p style="text-align: center;">OR</p> <p>Post Graduate Degree in Computer Science/ IT/ Computer Application/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p>Mandatory Certification:</p> <p>Certification in VMware (VMware Certified Technical Associate - Data Center Virtualization) / cloud management and automation/ VMware Certified Advanced Professional - Data Center Virtualization / Red Hat Certified</p>	<ul style="list-style-type: none"> • Experience in Handling Multi-OEM products (i.e. Server/OS/NW Device etc. as applicable for that role) • Experience in handling shifts duty singly i.e. handling escalation, troubleshooting, RCA etc. • Experience in handling production environment with 99.5% SLA requirement. <p>Having valid OEM Certification suitable/as defined to the post.</p>	<ul style="list-style-type: none"> • Manage and monitor private cloud operations of VMware vCloud Advanced/ Enterprise like vRealize Operations Manager • vRealize Automation / vRealize Log Insight / vRealize Business • Knowledge of tools such as Kubernetes, Docker etc. Skills in data storage and security • Performance tuning in private cloud environment on VMware technology stack • Manages virtualization software such as VMware/ vSphere. • Deploys new servers, improves systems to optimize performance. • Creates server snapshots and clone as and when required. • Installs new applications and helps configure them including web servers, OS, and infrastructure components. • Any other work entrusted by the Bank from time to time.
20	SOC (Security Operation Centre) Analyst (Vacancies-2)	<p>Mandatory:</p> <p>Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p> <p>BE / B-Tech degree or Post Graduate degree in Computer Science/Computer Technology and Computer Engineering/Computer Science and Technology/ Information Science and</p>	<p>Mandatory:</p> <p>3 years' of post-qualification work experience in IT Security in handling Security solutions and various Information Security related roles including Cyber Security, identifying security risk and development plan.</p> <p>Desirable:</p> <p>3 years' of work experience in SOC operations as an analyst.</p>	<ul style="list-style-type: none"> • Implement, manage and maintain security solutions. • Investigate suspicious activities, contain and prevent them. • Ability to correlate threat across Banks infrastructure. • Find security breaches, along with their root cause. • Create reports that will allow experts to make changes in the security policies as per the needs of the organization. • Monitoring of security solutions of SOC, analysis of logs, alerts and incident management, root cause analysis, trouble shooting, health status check-up of SOC, back up maintenance, version upgradation, DR drill of SOC.

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		<p>Engineering/ Electronics and Communications Engineering or MCA with minimum 60% marks or Equivalent Grade.</p> <p>Mandatory Certification:</p> <p>SIEM Certification or PAM certification</p> <p>Desirable Certification:</p> <p>CISA or CISM or CISSP or DLP Administrator Certification.</p>	<p>Preference will be given to candidates with Work Experience in large organization/ Cyber Security Operations Centre with Banking/ Financial Services/ Insurance Sector (BFSI) experience.</p>	<ul style="list-style-type: none"> • Strong knowledge of Security solutions like different types of AV/ EDR/ DMS/ SIEM/ CLP/ PAM/ Deception technology. • Perform reverse engineering on malware as required to facilitate investigation and analysis • Identify potential malicious activity from memory dumps, logs, and packet captures. • Any other work entrusted by the Bank from time to time.
21	<p>Solution Architect (Vacancies-1)</p>	<p>Mandatory:</p> <p>Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p> <p>4 years' of engineering/ Technology degree in Computer Science/ IT/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p style="text-align: center;">OR</p> <p>Post Graduate Degree in Computer Science/ IT/ Computer Application/ Electronics and Communication Engineering/ Electronics and</p>	<p>Mandatory:</p> <p>3 years' in relevant field.</p> <p>Desirable:</p> <p>5 years' in relevant field.</p> <p>Desirable Skills:</p> <ul style="list-style-type: none"> • Strong understanding of the AWS / Azure / GCP / Oracle cloud frameworks with hands-on experience in designing distributed systems and applications on cloud environments. • Ability to understand key technical requirements and convert them into design blueprints. 	<ul style="list-style-type: none"> • Responsible for the overall architecture, product management, and delivery of analytics systems. • Strong understanding of the AWS framework. • Hands-on experience designing distributed systems and applications on the AWS Cloud. • Experience with cloud computing. • Solid understanding of cloud solutions and cloud computing architecture. • Understand key technical requirements and convert them into design blueprints. • Data and Hardware sizing, best practice recommendations and solution reviews. • Define security and metadata components. • Define data ingestion, transformation storage management and archival approach. • Any other work entrusted by the Bank from time to time.

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		<p>Telecommunication/ Electronics and Instrumentation.</p> <p>Desirable:</p> <p>AWS Solutions Architect / Microsoft Certified Solutions Expert (MCSE) / Cloud Platform and Infrastructure / Cisco Certified Design Associate</p>	<ul style="list-style-type: none"> • Ability to determine data and Hardware sizing, best practice recommendations and solution reviews. • Ability to define security and metadata components. • Ability to define data ingestion, transformation storage management and archival approach. 	
22	System Administrator (Vacancies-8)	<p>Mandatory:</p> <p>Candidates must possess Minimum 60% (55 % for SC/ST/ PwBD) marks throughout the academics in X/XII/Graduation / Post Graduation</p> <p>4 years' of engineering/ Technology degree in Computer Science/ IT/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p> <p style="text-align: center;">OR</p> <p>Post Graduate Degree in Computer Science/ IT/ Computer Application/ Electronics and Communication Engineering/ Electronics and Telecommunication/ Electronics and Instrumentation.</p>	<p>Mandatory:</p> <p>3 years' in relevant field.</p> <p>Desirable:</p> <p>5 years' in maintenance and Administration of Linux Operating System or Windows Operating System/ virtualization environment/ Middleware/ Storage / Backup/ Antivirus/ Patch Management.</p> <ul style="list-style-type: none"> • Onsite Experience in Banking/Finance/Insurance companies Data Centre. • Experience in Handling Multi-OEM products (i.e. Server/OS/NW Device etc. as applicable for that role) • Experience in handling shifts duty singly i.e. handling 	<ul style="list-style-type: none"> • Willing to work in multi-site 24X7 IT environment. • Maintenance, Administration, Automation, Scripting and Management of Software and Hardware; • All System Administration tasks w.r.t Windows/Linux Systems/ AIX/ Solaris/ HP/UX/RHEL/OEL of all versions and Hypervisors. • Virtualization /Hyperconverged Environment/Oracle Linux Virtualization Manager (OLVM) Management and Administration • Configuration management of windows/Linux and other OS/ Hypervisors. • OS Patch management. • Driving the assigned project. • Working knowledge in implementing security improvements by assessing current situation. • Evaluating trends. • Anticipating requirements and making changes to keep the organization secure. • Backup/ storage Monitoring, configuration and troubleshooting • Middleware Monitoring, configuration and troubleshooting

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		<p>Mandatory Certifications:</p> <p>Valid OEM Certifications like Red Hat Certified System Administrator / Microsoft Certified Windows Server or equivalent / Certification in VMware (VMware Certified Professional in Data Center virtualization / cloud management and automation)/ Websphere/ Weblogic/ APACHE Tomcat/ Containerization/ Storage/ Backup/ Antivirus/ Ethical Hacking.</p>	<p>escalation, troubleshooting, RCA etc.</p> <ul style="list-style-type: none"> • Experience in handling production environment with 99.5% SLA requirement. • Having valid OEM Certification suitable/as defined to the post. 	<ul style="list-style-type: none"> • Installing/ Configuring/ Managing/ Monitoring AV in servers. • Hands on experience of OS/Hypervisor/Middleware installation, Administration and troubleshooting • Active Directory related work • Any other work entrusted by the Bank from time to time. • Technical Proficiency in Problem Solving of all domains mentioned above • Good Communication Skills • Adaptability to existing/ new IT environment • Any other work entrusted by the Bank from time to time.

Date of Reckoning for eligibility	All the eligibility (Age, Qualification, Experience, etc.) shall be computed as on 01.12.2024 (inclusive).
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Note:

- **Maximum age indicated is for General and EWS category candidates. Relaxation in upper age limit will be available to reserved category as per extant Government guidelines.**
- **Training and Teaching experience will not be counted for eligibility.**