



State Bank of India
Central Recruitment & Promotion Department
Corporate Centre, Mumbai
Email: crpd@sbi.co.in



AWARDS & ACCOLADES



SBI was awarded the "Company of the Year Award – 2023" by the ET Awards for Corporate Excellence 2023 on 15.03.2024.



SBI Featured among the **top 25 strongest Brands globally** for 2024 – Brand Finance Annual Report on most valuable and **Global Brands – Global 500 2024**. (19.01.2024)



SBI Chairman was honoured with the **Indian of the year award (IOTY) 2023** in the business category at **CNN – News 18 awards** on 10.01.2024.



SBI was recognized as the "Best Bank in India" for the year 2023 by **Global Finance Magazine** at its 30th Annual Best Banks Awards event. The award ceremony took place in Marrakech, **Morocco** during the occasion of 2023 IMF/WB Annual Meetings held from 9th to 15th October 2023.



Most trusted BFSI Brands 2023-24, on 21.06.2023, by the Economic Times Group.



Won 4 awards at **DIGIXX 2024 Summit & Awards** on 22.03.2024 at New Delhi.

- Brand of the Year
- Best Influencer marketing Campaign
- best use of Social Media
- PR/ Online Reputation Management



SBI received the "Iconic Banking Brand" award at the 3rd edition of **Navbharat BFSI 2023** presented by the Honorable Speaker of Maharashtra Legislative Assembly on 13.01.2024



SBI received the Top Performing Bank award under **EASE 5.0** of PSBs Reforms Agenda.



Dunn & Bradstreet Award in the Category – **PSU Banks over 4 lacs crore assets** size at the PSU & Government Summit 2023 on 07th October 2023.



SBI received the "India's Best Annual Report Awards 2023" award



SBI received the "ICAI Awards for Excellence in Financial Reporting" award

RECRUITMENT OF SPECIALIST CADRE OFFICERS ON REGULAR BASIS
(ADVERTISEMENT NO: CRPD/SCO/2024-25/15)

ONLINE REGISTRATION OF APPLICATION & PAYMENT OF FEES: FROM 14.09.2024 TO 04.10.2024

State Bank of India invites online applications from eligible Indian citizens for appointment to the Specialist Cadre Officers Posts on Regular Basis. Candidates are requested to apply online through the link given on Bank's official website <https://bank.sbi/web/careers/current-openings>. The candidates, who intend to apply for the Post are advised to apply only after carefully reading and understanding the undernoted contents of this notification.

IMPORTANT INSTRUCTIONS:

1.	Before applying, candidates are requested to ensure that they fulfil the eligibility criteria for the post, as on the date of eligibility. Candidates are required to apply online through the website https://bank.sbi/web/careers/current-openings . The process of Registration is completed only when fee is deposited with the Bank through online mode on or before (04.10.2024) the last date for payment of fee.
2.	Candidates are required to apply for the post online through the link given on Bank's official website only and no other mode of application will be entertained. Hard copy of application & other documents need not to be sent to this office. Candidates are advised in their own interest to apply online well before the closing date and not to wait till the last date to avoid the possibility of disconnection / inability/ failure to log on to the website on account of heavy load on internet or website jam. SBI does not assume any responsibility for the candidates not being able to submit their applications within the last date on account of aforesaid reasons or for any other reason beyond the control of SBI.
3.	Before submission of the application, candidates must check that they have filled in correct details in each respective field of the application form. After expiry of window for online application, no change/correction/modification will be allowed under any circumstances. Requests received in this regard in any form like Post, Email, By hand etc. shall not be entertained and will be summarily rejected.
4.	Candidates must have valid Email ID and Mobile phone number which should be kept active till the declaration of result and issuance of call letters on final selection, if any. It will help him/her in getting call letter/Interview advice etc. by email or over mobile by SMS.
5.	The Bank reserves the right to post / transfer the recruited / engaged officers to any of the offices of State Bank of India, in India or to depute to any of the associates / subsidiaries or any other organization depending upon the exigencies of the services. Request for posting / transfer to specific place / office may not be entertained.
6.	Candidates are advised to check Bank's website https://bank.sbi/web/careers/current-openings regularly for details and updates. No separate intimation will be issued in case of any change/ update. All Changes/ Updates/ revisions / Corrigendum / results / schedules / list of shortlisted / selected candidates etc. will be hosted only on Bank's website only. The Call letter/ advice, wherever required, will be uploaded or will be sent by e-mail only (No hard copy will be sent) .
7.	Candidates are required to upload all required documents (Resume, ID proof, Age proof, Caste Certificate (if applicable), PwBD Certificate (if applicable), Educational qualification, other qualifications, Experience etc.) failing which their application / candidature will not be considered for Online Written Test / Shortlisting / Interview.
8.	Admission to online test will be purely provisional without verification of documents. The Candidates applying for the post should ensure that their admission to all the stages of the recruitment (e.g. written test, shortlisting, interview etc.) will be purely provisional subject to satisfying the prescribed eligibility conditions. Mere issuance of call letter(s) / e-Admit Card(s) to the candidate will not imply that his/her candidature has been finally accepted for the post. The Bank takes up verification of eligibility conditions with reference to original documents only after the candidate has been shortlisted and called for the Interview.
9.	The selected candidates may be offered appointment in the bank subject to their completing other formalities such as verification of credentials, certificates, satisfactory reports from the references, medical examination and verification of antecedents etc.
10.	Candidate(s) seeking age relaxation, fee exemption must submit valid requisite certificate of the Competent Authority in the prescribed format, when such certificate is sought at the time of document verification. Otherwise, their claim will not be entertained, and their candidature will be liable for cancellation / rejection.
11.	Candidates against whom there is/ are adverse report regarding character & antecedents, moral turpitude are not eligible to apply for the post. If any such adverse orders / reports against the shortlisted/ selected candidates is found/ received by the Bank post their selection, their candidature/ services will to be rejected forthwith.
12.	CANDIDATE IS NOT ALLOWED TO APPLY FOR MORE THAN ONE POST.
13.	In case more than one application (multiple applications) are submitted by a candidate for the same post / multiple posts, only the last valid (completed) application will be retained, and the application fee, if any, paid for the other registrations will stand forfeited. Further,

	multiple attendance/ appearance by a candidate at the time of interview / joining will result in rejection/ cancellation of candidature, summarily.
14.	The Bank reserves the right to change the notified vacancies without assigning any reason(s), whatsoever.
15.	The Bank reserves the right to cancel / modify the recruitment process entirely or partially at any stage / time for any particular post / all the posts, if so warranted, without assigning any reason thereof and the Bank shall not be liable to refund the fee or pay any compensation to the applicant.
16.	Candidates furnishing false information / suppressing the facts will be disqualified and shall be liable for debarment and legal/criminal action. Candidates who attempt fraud/impersonation shall be liable to be debarred from future recruitment process conducted by the Bank.
17.	The selected candidates, after appointment, shall be on probation as per existing Bank's recruitment Policy inforce / amended/ modified from time to time, for the respective Post(s).
18.	All appointments under this project shall be entirely at the discretion of the Bank and shall be made at the starting stage of the pay scale admissible to the post.
19.	The Bank will decide the Centre(s) for Online Written Test / Interaction, if shortlisted.
20.	In case a candidate is called for interaction and is found not satisfying the eligibility criteria (Age, Educational Qualification and Experience etc.) he/ she will neither be allowed to appear for the interview nor be entitled for reimbursement of any travelling expenses.
21.	In case more than one candidate score same marks as cut-off marks in the final merit list (common marks at cut-off point), such candidates will be ranked in the merit according to their age in descending order.
22.	The Bank takes no responsibility for any delay in receipt or loss of any communication, whatsoever.
23.	Candidates serving in Govt./ Quasi Govt. offices, Public Sector undertakings including Nationalized Banks and Financial Institutions are advised to submit 'No Objection Certificate' from their employer at the time of interview, failing which their candidature may not be considered and travelling expenses, if any, otherwise admissible, will not be paid.
24.	In case of selection, candidates will be required to produce proper discharge certificate from the current employer at the time of taking up the appointment.
25.	CIBIL: Candidates who have defaulted in repayment under any lending arrangement with Banks / NBFCs/ Financial Institutions including credit card dues and have not regularized / repaid their outstanding thereunder <u>till the date of issuance of letter of offer of appointment</u> by the Bank, shall not be eligible for appointment to the post. However, candidates who have regularized / repaid such outstanding on or before the date of issuance of offer of appointment, but whose CIBIL status has not been updated on or before the date of joining , shall have to either get the CIBIL status updated or produce the NOCs from lender to the effect that there is no outstanding with respect to the accounts adversely reflected in the CIBIL , failing which the letter of offer shall be withdrawn / cancelled. Thus, the candidates with record of default in repayment of loans/ credit card dues and/ or against whose name adverse report of CIBIL or other external agencies are available are not eligible for appointment.

A. DETAILS OF POSTS/ GRADE / VACANCY/ AGE:

Sl. No.	Name of Post	Grade	Vacancies						PwBD (Horizontal)				Age in years (As on 30.06.2024)	
			SC	ST	OBC	EWS	UR	Total	VI	HI	LD	D&E	Min	Max
Regular Vacancies														
1.	Deputy Manager (Systems) – Project Management & Delivery	MMGS-II	31	14	48	18	76	187	2	2	2	2	25	35
2.	Deputy Manager (Systems) – Infra Support & Cloud Operations		68	30	106	41	167	412	5	4	4	4		
3.	Deputy Manager (Systems) – Networking Operations		13	6	20	8	33	80	1	1	1	1		
4.	Deputy Manager (Systems) – IT Architect		4	2	6	2	13	27	1	1	--	--		
5.	Deputy Manager (Systems) – Information Security		1	--	1	--	5	7	1	--	--	--		
6.	Assistant Manager (System)	JMGS-I	117	58	211	78	320	784	8	8	8	8	21	30
	Total		234	110	392	147	614	1497	18	16	15	15		
Backlog Vacancies														
1.	Assistant Manager (System)	JMGS-I	4	9	1	0	0	14	2	2	1	1	21	30

ABBREVIATIONS: **SC**–Scheduled Caste; **ST**–Scheduled Tribe; **OBC**–Other Backward Classes (Non-Creamy Layer); **EWS**: Economically Weaker Sections; **UR** – Unreserved, **PwBD** - Persons with Benchmark Disabilities, **VI** - Visually Impaired, **HI**- Hearing Impaired, **LD**- Locomotor Disability.

IMPORTANT POINTS:

- Reservation for PwBD candidates is horizontal and is included in the overall vacancy of the respective parent category.
- The number of vacancies including reserved vacancies mentioned above are **provisional and may vary** according to the actual requirement of the Bank.
- Posting / Placement / Utilization of the selected candidates will be done at the sole discretion of the Bank.**
- Maximum age indicated is for Unreserved category candidates. **Relaxation in upper age limit** will be available to reserved category candidates as per Govt. of India guidelines (wherever applicable).
- The reservation under various categories will be as per prevailing Government of India Guidelines.
- Candidate belonging to OBC category but coming in the 'Creamy Layer' are not entitled to OBC reservation and age relaxation. They should indicate their category as 'UR' or UR (PwBD) as applicable.
- A declaration will have to be submitted in the prescribed format by candidates seeking reservation under OBC category stating that he/she does not belong to the creamy layer as on last date of online registration of application. **OBC certificate containing the 'non-creamy layer' clause, issued during the period 01.04.2024 to the date of interview, should be submitted by such candidates, if called for interview.** No request for extension of time for production of requisite certificate beyond the said date shall be entertained and candidature will be cancelled.
- Candidates belonging to reserved category including Person with Benchmark Disabilities (PwBD) for whom no reservation has been mentioned are free to apply for vacancies announced for Unreserved category provided they fulfil all the eligibility criteria applicable to Unreserved Category.
- Benefit of reservation/ relaxation under reserved category (i.e. SC, ST, OBC) including PwBD category can be availed of only upon production of valid Caste certificate issued by the Competent Authority on format **prescribed by the Government of India.**
- PwBD candidate should produce a certificate issued by a competent authority as per the Government of India Guidelines.
- Only persons with **benchmark disabilities** would be eligible for reservation under PwBD category. **"Benchmark disability"** means a person with not less than 40% of a specified disability where specified disability has not been defined in measurable terms and includes the persons with disability, where disability has been defined in a measurable term, as certified by the certifying authority.
- RESERVATION FOR PERSONS WITH BENCHMARK DISABILITIES (PwBD):** Horizontal reservation has been provided to Persons with Benchmark Disabilities as per section 34 of "The Rights of Persons with Disabilities Act (RPWD), 2016". The post is identified suitable for the Persons with undernoted categories of disabilities as defined in the Schedule of RPWD Act, 2016:

Suitable Category of Benchmark Disabilities	Functional Requirements	REFERENCE
a) B=Blind, LV=Low Vision b) D=Deaf, HH=Hard of Hearing c) OA=One Arm, OL=One Leg, BL=Both Leg, OAL=One Arm and One Leg, BLOA=Both Leg and One Arm, CP=Cerebral Palsy, LC=Leprosy Cured, Dw=Dwarfism, AAV=Acid Attack Victims, d) ASD (M)= Autism Spectrum Disorder (Mild), SLD=Specific Learning Disability, MI= Mental Illness e) MD=Multiple Disabilities involving (a) to (d) above	S-Sitting, ST=Standing W=Walking, MF-Manipulation with Fingers RW-Reading & Writing, SE-Seeing, H=Hearing, C-Communication	The Gazette of India, Notification No. 38-16/2020-DD-III dated 4th January 2021. Ministry of Social Justice and Empowerment [Department of Empowerment of Persons with Disabilities (Divyangjan)]

Note: Only "Person with benchmark disability" would be eligible for reservation with not less than 40% of a specified disability where specified disability has not been defined in measurable terms and includes a person with disability where specified disability has been defined in measurable terms, as certified by the certifying authority. A person who wants to avail the benefit of reservation will have to submit latest Disability Certificate, on prescribed format, issued by Medical Authority or any other notified Competent Authority (Certifying Authority). **The certificate should be dated on or before last date of registration of application. In absence of valid certificate, the candidature will be liable for cancellation / rejection and no communication in this regard will be entertained by the Bank.**

Guidelines for using Scribe & Compensatory Time:

- The facility of scribe would be allowed to a person who has disability of 40% or more if so desired by the person and is meant for only those persons with disability who have physical limitation to write including that of speed. In all such cases where a scribe is used, the following rules will apply:
 - Candidates eligible for and who wish to use the services of scribe in the exam should carefully indicate the same in their online application form.
 - Both the candidate and the scribe will have to give a suitable undertaking, in the prescribed format with passport size photograph of the scribe at the time of online examination.

- (c). Such candidates who are eligible to use a scribe shall be eligible for compensatory time of 20 minutes for every hour of the examination whether availing the facility of scribe or not.
- (d). Candidate will have to arrange their own scribe and at their own cost.
- (e). Any candidate who is not eligible to use scribe as per guidelines, as referred above, uses scribe in the online examination shall be disqualified to participate further in the recruitment process.
- (f). Any candidate who is using scribe should ensure that he is eligible to use scribe in the exam as per the guidelines mentioned above.
- (g). Any candidate using scribe in violation of the above guidelines shall stand disqualified and can be removed from service without notice, if already joined the Bank.
- (h). During the examination, at any stage, if it is found that the scribe is independently answering / solving the question himself/ herself, the examination session for such candidate will be terminated, and candidate's candidature will be cancelled. The candidature of such candidates using the services of a scribe will also be cancelled if it is reported after the examination by the test administrator personnel that the scribe independently answered the questions.**
- (i). Scribe will be allowed to be used as per the guidelines issued vide Office Memorandum F.No.16-110/2003-DDIII dated February 26, 2013 of Government of India, Ministry of Social Justice & Empowerment, Department of Disability Affairs, New Delhi and clarification issued by Government of India, Ministry of Financial, Deptt. of Financial Services vide letter No. F. No. 3/2/2013-Welfare dated 26.04.2013.
- (ii).** Further, In terms of Office Memorandum F. No .29-6/2019-DD-III dated 10/08/2022 of GOI Ministry of Social Justice & Empowerment, Department of Empowerment of persons with Disabilities (Divyangjan)), the facility of scribe and/or compensatory time shall be granted solely to the Persons with Disabilities covered under section 2(s) of the RPwD Act 2016 but not covered under the definition of section 2(r) of the said act (i.e. persons having less than 40% disability and having difficulty in writing), to those having difficulty in writing, subject to a production of a certificate to the effect that person concerned has limitation to write and that scribe is essential to write examination on his/ her behalf from the competent medical authority of a Government healthcare institution as per prescribed Proforma at Appendix-I of the said O.M. The qualification of the scribe should be one step below the qualification of the candidate taking the examination. Candidate opting for own scribe should submit details of the own scribe as per Proforma at Appendix-II of the said O.M.

(B) Details of Educational Qualification/ Certification/ Work Experience/ Specific Skills Required:

Post No / Post Name	1 - Deputy Manager (Systems) – Project Management & Delivery
BASIC QUALIFICATION (AS ON 31.08.2024)	Essential: B. Tech / B.E. in Computer Science/ Computer Science & Engineering/ Software Engineering/ Information Technology/ Electronics/ Electronics & Communications Engineering or Equivalent Degree in above specified disciplines with minimum 50% score. Or MCA or equivalent Or M.Tech / M.Sc in Computer Science/ Computer Science & Engineering/ Information Technology/ Software Engineering/ Electronics/ Electronics & Communications Engineering or Equivalent Degree in above specified disciplines. (From a University/ Institution/ Board recognized by Govt. Of India/ approved by Govt. Regulatory Bodies).
OTHER QUALIFICATION (AS ON 31.08.2024)	Preferred Certifications: (Valid as on 31.08.2024) • Oracle Data Integrator 12c Certified Implementation Specialist • Oracle Business Intelligence Foundation Suite 11g Essential • Oracle Data Integrator 12c Essential • Oracle Database PL/SQL Certification • Java Certification from Oracle. • Google Certified Android Developer. • PHP • Any certificate in Kotlin. • Dot Net certification from Microsoft • Spring Certified Professional • Oracle Certified Professional, Java SE 8 Programmer • Level-2 Angular Certified Developer • Power BI • IBM-DataStage /IBM DB2 • ISTQB or any other equivalent certification. (Candidate having more than one certificate will be given preference.)
WORK EXPERIENCE (POST-BASIC QUALIFICATION) (AS ON 31.08.2024)	Essential: Minimum 4 years of post-basic qualification experience in software development. Preferred: 2 years of experience (within essential requirement of post basic qualification experience of 4 years) in any one of the following: - Web technologies, Java, JEE, APIs, Open-Source Frameworks - Hibernate, Spring & Spring boot, SOA Frameworks, Web Services -

	REST style. -JavaScript frameworks, Angular/Node JS etc. - Web technologies like C#, ASP.NET Core, MVC and Entity Framework Core. - Development experience using Oracle PL/SQL, Experience with Oracle versions 12c, 19c - BI Development/ETL/SQL Development/ and Dashboard Development using POWER BI/ JAVA/PHP/.NET. - Performance testing, regression testing, functional testing, API testing and Backend testing. - Testing variety of mobile applications. - Writing automated test scripts in Java/Python etc. - Test tools such as JUnit, Selenium, Cucumber, RPA tools, JMeter, Rest-assured or WireMock. (Training & Teaching experience will not be counted for eligibility)
SPECIFIC SKILLS (AS ON 31.08.2024)	Preferred: • Java 8.0 or .Net 3.0 and above • Database: Oracle 12c or 19c • Knowledge of .Net MVC, .NET Core • Angular • REST API • Spring • PL/SQL • MySQL • NoSQL • OS: Linux, Windows • IBM DataStage or equivalent ETL Tool. • IBM DB2, MS SQL Server. • Power BI, • SSIS, SSAS, SSRS • JAVA, PHP/.NET, • Basic Unix/Linux Commands • Good understanding of Defect management lifecycle and defect management tools such as Jira/ Bugzilla etc. • API testing experience with tools such as Postman/ARC/ReadyAPI/Swagger/Soap UI etc. (Candidate having more than one certificate will be given preference.)
Post No / Post Name	2 - Deputy Manager (Systems) – Infra Support & Cloud Operations
BASIC QUALIFICATION (AS ON 31.08.2024)	Essential: B.Tech/ B.E. in Computer Science/ Computer Science & Engineering/ Information Technology/ Electronics/ Electronics & Communications Engineering or Equivalent Degree in above specified disciplines with minimum 50% score. Or MCA or equivalent Or M.Tech/ M.Sc. in Computer Science/ Computer Science & Engineering/ Information Technology/ Electronics/ Electronics & Communications Engineering or Equivalent Degree in above specified disciplines. (From a University/ Institution/ Board recognised by Govt. Of India/ approved by Govt. Regulatory Bodies).
OTHER QUALIFICATION (AS ON 31.08.2024)	Preferred Certifications: (Valid as on 31.08.2024) Information Security and Risk Management: • Certified Information Systems Auditor (CISA) • Certified Information Security Manager (CISM) or Certified in Risk and Information Systems Control (CRISC) • Certified Information Systems Security Professional (CISSP) • Certified in the Governance of Enterprise IT (CGEIT) • Project Management Institute - Risk Management Professional (PMI-RMP) Database Administration and Management: • Oracle Certified Associate (OCA) • Database Administrator • Oracle Certified Professional (OCP) • SQL Queries and PL/SQL Cloud and Infrastructure Management: • Microsoft Azure Administrator certification • Certified Kubernetes Administrator (CKA) from Linux Foundation / CNCF • Red Hat Certified Specialist in OpenShift Administration certification • Certification in HP-Unix or Linux Administration • Cloud technology certification from VMware/ Open Infra Foundation / Nutanix/ Microsoft/ AWS/GCP/ Certified Cloud Security Professional by ISC2 or CISSP/ Cloud security certification from reputed OEM/CSP or any relevant cloud certification Security and Endpoint Protection: • Endpoint Security Certification of any OEM like TrendMicro ApexOne Certified Professional or TrendMicro Deep Security Certified Professional • Certification on EDR Technology from OEMs like TrendMicro, CrowdStrike, Microsoft • Certification on DLP technology from OEMs like Trellox, Microsoft • Certified Professional Ethical Hacker (CEH) from EC-Council

	Programming and Development: • Core Java and Object-Oriented Programming (OOPs) concepts. • Java Web Application Development - HTML, CSS, JavaScript (Candidate having more than one certificate will be given preference.)
WORK EXPERIENCE (POST-BASIC QUALIFICATION) (AS ON 31.08.2024)	Essential: Minimum 4 years post qualification experience in IT Industry/ Sector. Preferred: 2 years of experience (within essential requirement of post basic qualification experience of 4 years) in: • Microsoft Related Support • End Point Security • Data Protection technology, Security, Risk & Compliance, Closure of VA / PT and Security Audits • Work Experience as Database Administrator (DBA) • Oracle Database 19c/ RAC configuration/ Oracle Golden Gate configuration. • Experience with any Application Performance Monitoring Tools such as Dynatrace / AppDynamics / Appnomic • Operating cloud environments (e.g., VMware, Nutanix, Open Stack, Azure, AWS, GCP etc) and exposure to IT infrastructure and network management. • Hands-on experience in VMWare Cloud administration, operations & support. Hands-on experience on containerisation management/support like Kubernetes/Docker. (Training & Teaching experience will not be counted for eligibility)
SPECIFIC SKILLS (AS ON 31.08.2024)	Preferred: • Practical experience with windows / linux technologies • Windows/Linux Server Administrator • Knowledge of Database Management Solutions like MS SQL Server, Oracle etc. • Ability to thrive and prioritize across projects in a challenging environment. • Knowledge of IT Infrastructure, telecom operations, IT Service Management, Cryptographic communication, Software Application lifecycle management • Stakeholder management, risk and issue management and coordination • Experience in driving value in IT/Digital from concept through execution, with ability to generate and leverage data driven insights. • Knowledge of Procurement Life Cycle. • Awareness on CVC/ Government Procurement guidelines. • Proficiency in working with major cloud platforms such as Vmware, Nutanix, Azure, AWS, GCP etc. • Infrastructure Management • Containerization and Orchestration • Proficiency in delivering automation in cloud. Working knowledge of infrastructure-as-code (IaC) tools like Terraform, CloudFormation, or Ansible to automate the provisioning and management of cloud resources. • Monitoring and Logging • Security Best Practices • Knowledge of optimizing application and infrastructure performance through load balancing, caching, content delivery networks (CDNs), and database tuning. • Disaster Recovery and Business Continuity • Cloud Security Expertise • Cybersecurity Knowledge • Security Compliance (Candidate having more than one skill will be given preference.)

Post No / Post Name	3 - Deputy Manager (Systems) – Networking Operations
BASIC QUALIFICATION (AS ON 31.08.2024)	Essential: B.Tech./ B.E. in Computer Science/ Computer Technology/ Information Technology/ Software Engineering/ Electronics/ Electronics & Communications/ Telecommunication Engineering or Equivalent Degree in above specified disciplines with minimum 50% score. OR M. Tech. in Computer Science/ Computer Technology/ Information Technology/ Software Engineering/ Electronics/ Electronics & Communications/ Telecommunication Engineering or Equivalent Degree in above specified disciplines. (From a University/ Institution/ Board recognised by Govt. Of India/ approved by Govt. Regulatory Bodies).
OTHER QUALIFICATION (AS ON 31.08.2024)	Preferred Certifications: (Valid as on 31.08.2024) Any one of the valid certifications mentioned below: • CCNP (Security), • JNCIP (Security) • Fortinet NSE 7 • Checkpoint CCSE • Palo Alto Networks Certified Network Security Engineer (PCNSE), • Cisco CCDP, • Cisco CCDE, • Cisco CCNP Data Centre, • Juniper JNCIP-ENT, • Juniper JNCIE-ENT, • Juniper JNCIP-SP, • Juniper JNCIE-SP • PCCSA / PCNSA / PCNSE • Certified McAfee Security Specialist • Fortinet NSE 1 /NSE 2/ NSE 3 • CCIE (Security) • JNCIE (Security)

	• Cisco CCIE Data Centre, • Cisco CCNP Routing and Switching/Enterprise, • Cisco CCIE Routing and Switching/Enterprise Infrastructure, • Cisco CCNP Service Provider, • Cisco CCIE Service Provider, • Juniper JNCIP-DC, • Juniper JNCIE-DC, • Fortinet NSE 8 • Checkpoint CCSM • Checkpoint CCME • CISSP • CISM • CEH (Candidate having more than one certificate will be given preference.)
WORK EXPERIENCE (POST-BASIC QUALIFICATION) (AS ON 31.08.2024)	Essential: Minimum 4 years post qualification experience in IT Industry/ Sector. Preferred: 2 years of experience (within essential requirement of post basic qualification experience of 4 years) in Managing Network Security products like Firewalls/IPS/DDOS appliances, of any reputed organisation. a. Level-3 resource in an organisation in the business of providing Network Services /Network Security Services, OR b. As TAC resource in an OEM (in the field of network security/ network devices such as firewall, IPS routers, switches, load-balancers, SD-WAN etc.) Following experience will not be considered: a. Managing College or institute campus network b. Managing TV / Cable Networking c. Managing shops/malls network d. Campus Wi-Fi (Training & Teaching experience will not be counted for eligibility).
SPECIFIC SKILLS (AS ON 31.08.2024)	Preferred: 1. IT Information Library Certification (ITIL). 2. Knowledge of scripting using Python, Ansible etc. 3. Knowledge of IPv4, IPv6, TCP, DHCP etc. (Candidate having more than one skill will be given preference.)
Post No / Post Name	4 - Deputy Manager (Systems) – IT Architect
BASIC QUALIFICATION (AS ON 31.08.2024)	Essential: B.Tech./ B.E. in Computer Science/ Computer Science & Engineering/ Information Technology/ Electronics/ Electronics & Communications Engineering or Equivalent Degree in above specified disciplines with minimum 50% score. or MCA or equivalent or M.Tech./ M.Sc. in Computer Science/ Computer Science & Engineering/ Information Technology/ Electronics/ Electronics & Communications Engineering or Equivalent Degree in above specified disciplines. (From a University/ Institution/ Board recognised by Govt. Of India/ approved by Govt. Regulatory Bodies)
OTHER QUALIFICATION (AS ON 31.08.2024)	Preferred Certifications: (Valid as on 31.08.2024) • IT Information Library (ITIL) - Foundation Level or higher-level. • Certified ScrumMaster (CSM) / Professional Scrum Master (PSM) • TOGAF with PMP or Prince 2 • Professional Cloud Solutions Architect Certification • Red Hat Certified Architect • Google Professional Cloud Architect • OCP • MCDBA • IBMCA (Candidate having more than one certificate will be given preference.)
WORK EXPERIENCE (POST-BASIC QUALIFICATION) (AS ON 31.08.2024)	Essential: Minimum 4 years post qualification experience in IT Industry/ Sector. Preferred: 2 years of experience (within essential requirement of post basic qualification experience of 4 years) in any of the following: • IT architecture, infrastructure, and cloud development using varied technological frameworks. • Engineering and software architecture design. • DevOps practices. • System and data security. • Business analysis techniques and processes. • Various operating systems. • Database management • Web platforms • Network management • Computer hardware and software analysis

	• In-depth knowledge of coding language(s) (Training & Teaching experience will not be counted for the eligibility)	
SPECIFIC SKILLS (AS ON 31.08.2024)	<u>Preferred:</u> • In-depth knowledge on SDLC/DevOps processes • Sound knowledge on IT Application architecture, Design methodologies across multiple platforms • Expertise in non-functional areas like performance, scalability studies, human interaction, software ergonomics. • Expertise in Design Patterns, Design Principles & UML modelling. • Expert understanding of architecture concepts in the areas such as Database, SOA, Security and Middleware. • Experience in architecture, design and development of web and mobile applications using technologies such as Android, iOS, Java, JEE and (dot).NET. • Expertise in middleware architecture of ESB / SOA / Application server / MQ. • Experienced in server-side technologies like Java or NodeJS and modern tools to build RESTful web services, JavaScript and web technologies (e.g. React, Angular, NodeJS, etc.), Microservices, APIs, and database technologies • Experience in evaluating and implementing third party software products including open source and cloud-based products from vendors such as AWS, Microsoft or Google. • Expertise with Continuous Integration and Continuous Delivery (CI/CD) • Relevant Technology certifications (Candidate having more than one skill will be given preference.)	

Post No / Post Name	5 - Deputy Manager (Systems) – Information Security	
BASIC QUALIFICATION (AS ON 31.08.2024)	<u>Essential:</u> BE / BTech (Computer Science / Electronics & Communications / Information Technology/ Cybersecurity) from recognized university. or MCA/ MSc (Computer Science)/ MSc (IT) from recognized university. or M.Tech. in Computer Science / Electronics & Communications / Information Technology/ Cybersecurity from recognized university - Minimum percentage of marks: 60%	
OTHER QUALIFICATION (AS ON 31.08.2024)	<u>Compulsory Certifications:</u> (Valid as on 31.08.2024) Any one out of CISSP, CRISC, CISM, and CISA	
WORK EXPERIENCE (POST-BASIC QUALIFICATION) (AS ON 31.08.2024)	<u>Essential:</u> Minimum 4 years of experience in IT risk management or information security. Essential experience detail: 1. In-depth knowledge and experience with risk management frameworks and standards such as NIST, ISO 27001, COBIT and ITIL 2. Strong technical skills in areas such as network security, data protection, threat analysis, and incident response 3. Advanced analytical skills to identify, assess and mitigate IT risks 4. Commitment to staying updated with latest trends, threats, and technologies in IT risk management (Training & Teaching experience will not be counted for the eligibility)	
SPECIFIC SKILLS (AS ON 31.08.2024)	Not Stipulated	

Post No / Post Name	6 - Assistant Manager (System)			
BASIC QUALIFICATION (AS ON 31.08.2024)	<u>Essential:</u> B. Tech. / B.E. in Computer Science/ Computer Science & Engineering/ Software Engineering/ Information Technology/ Electronics/ Electronics & Communications Engineering or Equivalent Degree in above specified disciplines with minimum 50% score. or MCA or equivalent or M.Tech. / M.Sc. in Computer Science/ Computer Science & Engineering/ Information Technology/ Software Engineering/ Electronics/ Electronics & Communications Engineering or Equivalent Degree in above specified disciplines. (From a University/ Institution/ Board recognized by Govt. Of India/ approved by Govt. Regulatory Bodies).			
OTHER QUALIFICATION (AS ON 31.08.2024)	<u>Preferred Certifications:</u> (Valid as on 31.08.2024) <table><tr><td><u>For Developers:</u> • Oracle Data Integrator 12c Certified Implementation Specialist • Oracle Business Intelligence Foundation Suite 11g Essential • Oracle Data Integrator 12c Essential • Oracle Database PL/SQL Certification </td><td><u>For Cloud Operations:</u> Cloud technology certification from Vmware/ Open Infra Foundation / Nutanix/ Microsoft/ AWS/GCP/ Azure/ OCI/ ITIL/ CCSK/ CISSP/ CKAD/Public Cloud Certifications </td></tr></table>		<u>For Developers:</u> • Oracle Data Integrator 12c Certified Implementation Specialist • Oracle Business Intelligence Foundation Suite 11g Essential • Oracle Data Integrator 12c Essential • Oracle Database PL/SQL Certification	<u>For Cloud Operations:</u> Cloud technology certification from Vmware/ Open Infra Foundation / Nutanix/ Microsoft/ AWS/GCP/ Azure/ OCI/ ITIL/ CCSK/ CISSP/ CKAD/Public Cloud Certifications
<u>For Developers:</u> • Oracle Data Integrator 12c Certified Implementation Specialist • Oracle Business Intelligence Foundation Suite 11g Essential • Oracle Data Integrator 12c Essential • Oracle Database PL/SQL Certification	<u>For Cloud Operations:</u> Cloud technology certification from Vmware/ Open Infra Foundation / Nutanix/ Microsoft/ AWS/GCP/ Azure/ OCI/ ITIL/ CCSK/ CISSP/ CKAD/Public Cloud Certifications			

	• Certification in Hadoop • Java Certification from Oracle • Dot Net certification from Microsoft • DEVOPS Certifications from a globally recognized / reputed institute or academy. • Spring Certified Professional • Oracle Certified Professional, Java SE 8 Programmer • Level-2 Angular Certified Developer • ITIL (Support), CCNA (Networking), AWS (Cloud), GIAC (Governance) or similar <u>For Infra Support Cloud Operation</u> Microsoft Certifications: • MCSA Windows Server Certification • MCDBA (Microsoft Certified Database Administrator) • MCSE (Microsoft Certified Solutions Expert) • MTA (Microsoft Technology Associate) Oracle Certifications: • Oracle Certified Professionals • Oracle Data Integrator 12c Certified Implementation Specialist • Oracle Business Intelligence Foundation Suite 11g Essential • Oracle Data Integrator 12c Essential • Oracle Database PL/SQL Certification Networking and Infrastructure Certifications: • CCNA (Cisco Certified Network Associate) • CCNP (Cisco Certified Network Professional) • ITIL (IT Information Library Foundations Certification) • Red Hat Certified System Administrator (RHCSA) • Red Hat Certified Engineer (RHCE) Virtualization and Cloud Certifications: • VMware Certified Professional • CompTIA (ITF+, A+, Server+, Network+, Cloud+) • Kubernetes Administration Certification • Certification in Kubernetes (preferred) Additional Certifications: • Certification in In-Memory Technologies/No-SQL Database • IBM Certified Associate • ETL tool certifications (e.g., Informatica PowerCenter, DataStage, Cransoft) • Certification in Windows and Linux administration	<u>For Networking Operations:</u> 1. Cisco CCNA, 2. JNCIA-SEC 3. JNCIS-SEC 4. Check Point Certified Security Administrator (CCSA) 5. Fortinet NSE4 6. Palo Alto Certified Network Administrator (PCNSA) 7. Juniper JNCIA 8. CCNP (Security) 9. JNCIP (Security) 10. NSE-7 <u>For Tester:</u> • ISTQB or any other equivalent certification. <u>For IT Risk:</u> • Any one out of CISSP, CRISC, CISM, and CISA
	(Candidate having more than one certificate will be given preference.)	
WORK EXPERIENCE (POST-BASIC QUALIFICATION) (AS ON 31.08.2024)	Not Required	
SPECIFIC SKILLS (AS ON 31.08.2024)	Not Required	

IMPORTANT POINTS:

- 1 The educational qualification prescribed for the post is minimum. Candidate must possess the Post Basic qualification and relevant full-time experience as on specified dates.
- 2 **The relevant experience certificate from the employer must contain specifically that the candidate had experience in that related field as required.**
- 3 In cases where experience in a specific field is required, the relevant experience certificate must contain specifically that the candidate had experience in that specific field.
- 4 In cases the certificate of degree/diploma does not specify the field of specialization, the candidate will have to produce a certificate from the concerned university/college specifically mentioning the specialization.
- 5 **Candidate should indicate the percentage obtained in Graduation calculated to the nearest two decimals in the online application. Where CGPA/ OGPA is awarded, the same should be converted into percentage and indicated in the online application. If called for interview, the candidate will have to produce a certificate issued by the appropriate authority inter alia stating the norms of the University regarding conversion of grade into percentage and the percentage of marks scored by the candidate in terms of these norms.**

C. DETAILS OF BRIEF JOB PROFILE, ROLE & RESPONSIBILITIES, FUNCTIONS & ACTIVITIES:

SI	POST	Detail description of Job Profile, Role, Responsibilities, and Functions.
1.	Deputy Manager (Systems) – Project Management & Delivery	ROLE: • Software Development • To ensure meaningful testing of projects within the timelines. RESPONSIBILITIES: • Application Development for various Business Demands using latest development technologies • Develop solutions designed to maximize Business Value. • Conducting Business Requirement Analysis • Preparation of detailed Solution Design Coding of the proposed solution • Responsible for Coding, Implementation, Maintenance, Quality Assurance, debugging etc. • Conducting of Unit Testing, Integration Testing and closing the findings • Closing the findings of User Acceptance Testing and Information Security Testing, • Deployment of the developed software / application • Handling the Production Bugs and providing support. • Effective in ensuring that deliverables are in conformance with system architecture and standards for development. • Responsible for meaningful testing of allocated Projects • Ensure that all the scenarios and test cases are included as defined in the solution document. • Repository maintenance of test cases and other testing related documents along with the proofs. • Support to the Vendor staff for testing related activities. FUNCTIONS/ ACTIVITIES: • Test execution as per test plan. • Logging of test execution results. • Assisting in defect classification and reporting. • Creation of unit level and functional level test cases. • Preparation of test data required for testing. • Update the daily activities in Daily Status Reports ensuring that the correct status of the testing for the day is communicated. • Should be able to write and execute SQL queries for data level validations.
2.	Deputy Manager (Systems) – Infra Support & Cloud Operations	Role & Responsibilities: Change Management and Governance: • Ensure the effective implementation of the change control process. • Prepare regular status reporting across all levels of the organization. Performance Monitoring and System Management: • Implement a performance monitoring and management system. • Monitor and test application performance for potential bottlenecks. • Proactively ensure the highest levels of systems and infrastructure availability. Infrastructure and Resource Management: • Infrastructure Administration. • Engage with Vendors for entire project lifecycle. • Procurement related to Projects. Application Administration and Security: • Manage Windows Server environment, including patch management. • Implement endpoint security solutions and monitor ESS reports. • Ensure the latest antivirus signatures are updated organization wide. • Manage Active Directory Services and Federation Services. • Implement standard image/desktop build and Windows patch management. • Integration of applications with on-premises Single Sign-On. Incident Response and Audit Closure: • Fix IT-related issues highlighted in various audits. • Seamless conduct of BCP/DR drills and maintenance of RTO. • Closure of Information Security/Audit observations. Stakeholder Coordination and Communication: • Coordination and follow-up with relevant stakeholders across the Bank. • Participate in the design of information and operational support systems. • Liaise with vendors and other IT personnel for problem resolution. Cloud and DevOps Management: • Managing Kubernetes Clusters in the production environment. • Managing CI/CD Pipeline and cloud monitoring. • Manage, configure, and maintain cloud infrastructure components. • Cloud Infrastructure Design and Deployment • Operational Excellence • DevOps and Automation • Security and Compliance • Cloud Performance Monitoring

		• Cloud Migration • Cost Optimization • Disaster Recovery and Business Continuity • Monitor project progress, identify risks, and implement mitigation strategies to ensure successful project delivery. • Threat Detection and Incident Response • Cloud Security Tools and Technologies Unix/Linux System Administration: • Install, configure, test, and maintain operating Unix/Linux systems. • Manage Unix/Linux OS and its operation, networking, and security. Database Administration and Management: • Database Administration (DBA) activities of CBS production database. • Provide guidance and support to Application Developers. • Install, tune, implement, and upgrade DBMS installations. • Upgrade and improve application schema and data upgrades. • Optimize new and current database systems. • Define security and backup procedures. • RMAN backup and recovery.
3.	Deputy Manager (Systems) – Networking Operations	Roles & Responsibilities: 1. Designing the highly optimized network architecture using standard and industry best practices as per the Bank's requirements 2. Analysis of network architecture from security perspective and recommend changes (if any). 3. Assisting network design team while designing an architecture for new branches such that all security best practices are in place from day one 4. Interactions with various application owners, security departments of the Bank and TAC teams of several OEMs while handling network/ security incidents 5. Responding to emergency critical network issues for quick resolution round the clock (whenever required) 6. Analysis of critical network issues and events and their resolution. Preparation of Root Cause Analysis (RCA) report with recommendation to prevent recurrences of such incidents and implementation of recommendations so made, 7. Ensure compliance of Bank's security policies including analysis, recommendation, and implementation of IPS signatures, etc. 8. Management of all security devices such as firewalls, IDS/IPS, AAA, Network Access Control (NAC) solution, Network Security Policy Manager (NSPM), Enterprise Proxy solution, Network Sandboxing, DDOS solution, load balances etc. their configuration, including implementation of security policies and rules in accordance with the change management process and Secure Configuration Document of the Bank, 9. Taking proactive measures for enhancing the security posture of the Bank's network by studying the vulnerabilities issued/ published by various OEMs, internal and external agencies such as CERT, CDAC etc., 10. Providing consultancy services for adoption of new technologies in the market in the form of formal document, 11. Conducting Proof of Concept (PoC) for new and emerging network technologies (such as Software Defined Network etc.) especially focused on enhancing network security and recommendations in the form of PoC report, 12. Analysis of device/ security logs and correlation with the logs of other devices and submission of structured reports in the format prescribed by the Bank, 13. Timely closure of observations made by the auditors (internal or external), 14. Preparation of technical specifications of Network/ security devices / solutions proposed to be procured by the Bank and providing responses to technical queries, 15. Provisioning of information sought by the auditors by masking sensitive details/ data, Timely closure of observations made by auditors (internal or external). 16. Documentation and up dation of network architecture/ segments for domestic and foreign offices of the Bank, all the time including inventory of network devices, 17. Analysis of network at regular intervals from network capacity and recommend capacity augmentation and device upgradation etc., 18. Management of all network devices such as routers, switches, load balancers, SDN solution, SDWAN solution etc. including network OS upgradation, application of security patches, migration of network devices from one platform to other, replacement of end-of-life devices and troubleshooting, 19. Management of IP address allocation using specialized tools such IPAM (IP Address Management Solutions).
4.	Deputy Manager (Systems) – IT Architect	Roles: • Set up technical standards and architectural assessments for the enterprise. • To Provide technology architecture expertise and guidance across multiple business divisions & technology domains Responsibilities: • Setting up technical standards and carryout technology evaluations and assessments of Enterprise Architecture functions. • Driving technology strategy from an architecture perspective, across a portfolio of applications in the Bank, for resource optimization and Risk mitigation. • Translating business requirements into specific system, application or process designs, including working with business personnel and executives to identify functional requirements. • Lead and/or assist efforts to scope and architect major change programs, leading strategic options analysis & proposing end-to-end solutions & highlighting trade-offs. • Review ongoing designs of major programs to identify strategic opportunities and resolve design issues during delivery. • Identify key technology enablers to optimize IT investment.

5.	Deputy Manager (Systems) – Information Security	Job Profile: ➤ Oversee the IT incidents from reporting till its closure and maintain incident log for future reference and analysis ➤ Study root cause of incidents and recommend measures to address the root cause and prevent recurrence ➤ Identify critical business processes and map them to the supporting applications ➤ Evaluate the risks associated with each application, considering factors such as data sensitivity, user base and external threats ➤ Maintain detailed records of risk assessments, incidents, and mitigation actions ➤ Review of process gaps in the IT processes, based on the audit/security/Regulatory/Other reports for strengthening of the IT Processes Conduct comprehensive risk assessments to identify potential IT threats and vulnerabilities KRA: ➤ Oversee the IT Incidents from reporting till its closure ➤ IT Incidents (High & Critical) – Review of RCAs done by the IT-AOs ➤ Review of Application Criticality Assessment template/matrix ➤ Review of the risk assessment & rating output of IT-AOs and the scoring pattern. ➤ High and critical risks arising out of IT-related incidents shall be promptly reported to senior management. ➤ IT Risk Assessment (Non-Cyber Risk) of IT ecosystem on a periodic basis. Risks should be reported from various departments as a part of different activities.
6.	Assistant Manager (System)	Roles Responsibilities, Activities, key Interactions will be assigned by the Bank from time to time depending upon the requirement. KRAs shall be assigned post joining.

Remarks: Actual KRAs shall be assigned on joining. Roles / Responsibilities / Job Profile mentioned above are illustrative. Roles / Responsibilities / Activities / Key Interactions/ Jobs in addition to the above mentioned may be assigned by the Bank from time to time depending upon the requirement.

The candidates selected on Regular posts will be governed by the Service Rules applicable to the employees of the SBI.

(D) REMUNERATION / SUGGESTED PLACE OF POSTING:

Sl. No	Name of Posts	Grade	Scale of Pay	Suggested Place of Posting \$
1.	Deputy Manager (Systems) – Project Management & Delivery	MMGS-II	Basic: 64820-2340/1-67160-2680/10-93960 (The official will be eligible for DA, HRA, CCA, PF, Contributory Pension Fund i.e., NPS, LFC, Medical Facility, leave etc. as per rules in force from time to time and Salary and perks as per Bank's salary structure)	Navi Mumbai
2.	Deputy Manager (Systems) – Infra Support & Cloud Operations			Navi Mumbai
3.	Deputy Manager (Systems) – Networking Operations			Navi Mumbai / Hyderabad
4.	Deputy Manager (Systems) – IT Architect			Navi Mumbai
5.	Deputy Manager (Systems) – Information Security			Navi Mumbai / Mumbai
6.	Assistant Manager (System)	JMGS-I	Basic: 48480-2000/7-62480-2340/2-67160-2680/7-85920 (The official will be eligible for DA, HRA, CCA, PF, Contributory Pension Fund i.e., NPS, LFC, Medical Facility, leave etc. as per rules in force from time to time and Salary and perks as per Bank's salary structure)	Navi Mumbai / Mumbai

\$ Suggested place of posting mentioned above is only indicative. Selected candidates may be posted anywhere in India at the sole discretion of the Bank.

Note: Posting / Placement / Utilization of the selected candidates will be done at the sole discretion of the Bank.

E. PROBATION PERIOD / CONFIRMATION / INDEMNITY BOND:

SN	Name of Posts	Grade	Probation / Confirmation	Indemnity Bond
1.	Deputy Manager (Systems) – Project Management & Delivery	MMGS-II	The selected candidates will be on probation for One Year from date of joining. They will be subjected to continuous assessment during probation period. Those candidates who qualify in the assessment as per standards determined by the Bank from time to time, will be confirmed in the services of the Bank under Specialist Cadre.	Not Applicable
2.	Deputy Manager (Systems) – Infra Support & Cloud Operations			
3.	Deputy Manager (Systems) – Networking Operations			
4.	Deputy Manager (Systems) – IT Architect			
5.	Deputy Manager (Systems) – Information Security			
6.	Assistant Manager (System)	JMGS-I		The Selected candidates, at the time of joining, will have to execute a Bond / Undertaking for a value of Rs. 2.00 Lakhs (Rupees Two Lakhs only) , plus applicable GST, to serve the Bank for a minimum period of 5 years .

F. SELECTION PROCESS:

Sl. No	Name of Posts	Grade	Selection Process
1.	Deputy Manager (Systems) – Project Management & Delivery	MMGS-II	Shortlisting – cum – tiered / layered Interaction (However, tiers / layers of interaction will be decided by the Bank in due course).
2.	Deputy Manager (Systems) – Infra Support & Cloud Operations		
3.	Deputy Manager (Systems) – Networking Operations		
4.	Deputy Manager (Systems) – IT Architect		
5.	Deputy Manager (Systems) – Information Security		
6.	Assistant Manager (System)	JMGS-I	Online Written Test and Interaction

G. SELECTION FOR THE POST AT SR. NO. 1 TO 5 (Shortlisting-cum-tiered / layered Interaction):

- ❖ **Shortlisting:** Mere fulfilling the minimum qualification and experience will not vest any right to candidate for being called for interaction. The shortlisting committee constituted by the Bank will decide the shortlisting parameters and thereafter, adequate number of candidates, as decided by the Bank, will be shortlisted for interaction. The decision of the Bank to call the candidates for the interaction shall be final. No correspondence will be entertained in this regard.
- ❖ **Interaction:** Interaction will carry 100 marks. The qualifying marks in interaction will be decided by the Bank. No correspondence will be entertained in this regard. Interactions may be multi-tiered / layered and number of tiers / layers of interaction for each post will be decided by the Bank in due course.
- ❖ **Merit List:** Merit list for selection will be prepared in descending order on the basis of scores obtained in interaction only. In case more than one candidate score the cut-off marks (common marks at cut-off point), such candidates will be ranked according to their age in descending order, in the merit list.

H. SELECTION FOR THE POST AT SR. NO. 6 (Online Written Test and Interaction):

- ❖ **Online written Test:** The online written test will be conducted tentatively in the month of **November 2024**. The call letter of test will be uploaded on Bank's website and also advised to the candidates through SMS and e-mails. Candidates will be required to download the call letters. The test may be held (Tentatively) at Guntur/Vijaywada, Kurnool, Vishakhapatnam, Guwahati, Silchar, Muzaffarpur, Patna, Chandigarh/ Mohali, Raipur, Bilaspur (Chhattisgarh) , Delhi/ New Delhi/NCR, Faridabad, Hisar, Ghaziabad, Greater Noida, Gurugram, Panaji, Ahmedabad/Gandhinagar, Vadodara, Ambala, Hamirpur, Jammu, Shimla, Jamshedpur, Ranchi, Bengaluru, Hubli/Dharwad, Mangalore, Ernakulam, Thiruvananthapuram, Bhopal, Indore, Chhatrapati Sambhaji Nagar (Maharashtra), Mumbai/ Thane/Navi Mumbai/MMR, Nagpur, Pune, Imphal, Shillong, Aizawl, Kohima, Bhubaneswar, Sambalpur, Puducherry, Jalandhar, Ludhiana, Jaipur, Udaipur, Gangtok, Chennai, Madurai, Tirunelveli, Hyderabad, Warangal. Agartala, Prayagraj (Allahabad), Kanpur, Lucknow, Meerut, Varanasi, Dehradun, Asansol, Kolkata/Greater Kolkata, Siliguri centres.

- ❖ Candidate should choose the name of the centre where he/she desires to appear in the examination. No change in the choice of examination centre will be entertained. The Bank, however, reserves the right to add or delete any centre and allot the candidate to any centre other than the one he/she has opted for.
- ❖ **Pre- Examination Training:** Bank will arrange pre-examination training in **online mode** for SC/ST/OBC/Religious Minority Community candidates in consonance with the guidelines issued by Government of India. Link for attending online Pre-Examination Training will be hosted on Bank's website for eligible candidates.

❖ **Pattern for Online Written Examination:**

Test		No. of Questions	Marks	Time
General Aptitude *	Test of Reasoning	15	15 *	45 min
	Quantitative Aptitude	15	15 *	
	English Language	20	20 *	
Professional Knowledge	General IT Knowledge	60	100	75 min

* Qualifying in nature and marks scored will not be reckoned for arriving at the Merit.

Note: There will be no negative marks for wrong answers in Online Written Examination.

- ❖ Except Professional Knowledge (PK) paper, other papers will be qualifying in nature. Candidates must score minimum qualifying marks in these papers. The minimum qualifying marks will be decided by the Bank or may be waived at the discretion of the Bank.
- ❖ To be eligible for being shortlisted for the Interaction, the candidates have to score equal to or above the cut off marks as decided by the Bank for the Professional Knowledge (PK) paper, besides scoring minimum qualifying marks in other papers.
- ❖ Selection in Online Written Examination will be made from the Top ranked candidates in descending order of Merit, in each category. In case more than one candidate score the cut-off marks (common marks at cut-off point), such candidate will be ranked according to their age in descending order in Merit list.
- ❖ **Interaction:** Category-wise adequate number of candidates as decided by the Bank will be called for Interaction based on the performance in Online Written Test. Interaction will carry 25 marks. The qualifying marks in Interaction will be as decided by the Bank.
- ❖ **Weightage Pattern:** Written Test – 70%, Interview – 30%. Final Merit list would be prepared based on normalization of marks scored in Online Written Test and Interaction with 70:30 weightage respectively.
- ❖ **Tentative pattern / syllabus for online written exam for Professional Knowledge paper:**
(Note: Pattern / Syllabus mentioned is indicative / illustrative only. Bank at its sole discretion may make any amendment / modification in the Pattern and/or Syllabus any time as per requirement)

SL	Subject	Number of Question	Total Marks
i.	Software Development	20	33
ii.	Infra Support	20	33
iii.	Networking	10	17
iv.	Cloud Operations	10	17
	Total	60	100

- I. **WAIT LIST:** Wait list will be maintained post-wise and category-wise for all posts. Candidates will be released from this waitlist against non-joining, resignation, or termination due to unsatisfactory performance/breach of conduct rules, subject to the candidates securing minimum qualifying marks as may be stipulated by the Bank for selection. This wait list will be valid for a period of one year from the date of declaration of final result or till the date of issuance of a fresh advertisement for the vacancy for the same post, whichever is earlier

Indicative Syllabus

(Syllabus mentioned below is only indicative and not exhaustive. Syllabus prescribed is for candidates' reference purpose only. Online Examination may contain questions beyond the purview of the syllabus as deemed fit)

1. Software Development:

- **Data-Structures and Algorithms:**
 - Questions based on Arrays, Linked List, Stacks, Queues, Binary Tree, Binary Search Tree, Heaps, Hashing and Recursion.
 - Searching and Sorting Algorithms along with their Space-Time Complexities
- **Object Oriented Programming Concepts:** Abstraction, Association, Encapsulation, Composition, Polymorphism, Aggregation, Inheritance, Message Passing
- **Web/Application Development:**
 - HTML5/CSS and Javascript
 - HTTP/HTTPS, AJAX and REST APIs (get, post, put, delete).
 - Cookies
 - Version control systems like Git for source code management.

- **Software Engineering:**
 - o Software Development Lifecycle Phases (Requirement analysis, In-depth planning, Product design, Coding, Testing, Deployment, Post-production maintenance)
 - o Basic Software Testing Concepts (Black Box Testing, White Box Testing, Unit/Integration/Regression Testing, and UAT).
 - o Design Patterns and SOLID principles.
- **Databases:**
 - o **Basic Database Concepts:** Relational DBMS, ER Diagram, Transactions (ACID Properties), Keys (Primary, Foreign, Candidate, Alternate etc.), Indexes, Normalization and Joins.
- **Basic questions based on different types of web application attacks like:** Cross-Site Scripting (XSS), Cross-Site Request Forgery (CSRF), Injection Attacks, DDoS (Distributed Denial-of-Service), Brute Force Attack etc.
 - o Tree Traversal strategies like Breadth and Depth First Search
 - o Questions based on Data Structures with code snippets
 - o Digital Signatures use case and importance
 - o Public-Private Key Encryption Symmetric and Asymmetric Keys
 - o Digital Signatures use case and importance
 - o Public-Private Key Encryption
 - o OWASP 10 Web-Security Risks
 - o Database related question based on:
 - DDL, DML and TCL commands
 - Basic of SQL Functions
 - Views, Triggers and Cursors
 - o Monolith vs Microservice architecture.

2. Infra Support

- Basics of Operating Systems:
 - o System calls, processes, threads, inter-process communication, concurrency and synchronization. Deadlock. Memory management and virtual memory.
 - o CPU scheduling Algorithms (FCFS, SJF, SRTF, Round Robin etc.).
 - o Types of memories: cache, main memory and secondary storage.
 - o Concept of Paging and Page Replacement Algorithms: (FIFO, Optimal page replacement, LRU etc.)
 - o I/O Scheduling algorithms (FCFS, SSTF, SCAN, LOOK, CSCAN, CLOOK etc.)
- Basics of virtual machines, storage solutions, and networking components.
- Infra related concepts like processors, Clock Cycle, Cache Memory, HDD, SSD etc.
- Backup and Recovery practices
- Best practices pertaining to security and compliance controls.
- Windows and Unix/Linux computing environments.

3. Networking

- Types of Networks (LAN, WAN, MAN etc)
- Network Topologies (Ring , Mesh, Bus, Star, etc)
- Network Devices (Hub, Bridge, Routers, Gateway, etc)
- OSI Data Model, TCP/IP Model
- Subnets and Supernet
- UDP, TCP, sockets and ports.
- IPv4 vs IPv6
- Classless inter-domain routing.
- IP support protocols (ARP, DHCP, ICMP), Network Address Translation (NAT)
- Application layer protocols: DNS, SMTP, HTTP, FTP, etc.
- Internet Application Protocols (FTP, Telnet, SMTP, SNMP, POP3 etc).
- **Different types of Network Security Protections:**
 - o Firewall, Access Control, Remote Access VPN
 - o Types of Firewall
 - o Access Control

4. Cloud

- Cloud Computing
- Characteristics of Cloud computing
- Types of Cloud Services (SAAS, PAAS, IAAS)
- Public vs Private Cloud
- Virtualization
- Distributed Parallel vs Cloud Computing
- Containerization
- Types of Virtualization
 - o Server-based vs Hypervisor-based virtualization
 - o Type 1 vs Type 2 virtualization
 - o Full vs Para virtualization
- Virtual Machines vs Containers
- Continuous Integration and Continuous Delivery (CI/CD)

J. Call Letter for Online Examination and Interaction:

❖ **For Online Written Examination:** The candidates should download their call letter for online examination and an “Acquaint Yourself” booklet by entering their registration number and password/date of birth, from the Bank’s website. NO HARD COPY OF THE CALL LETTER/ ACQUAINT YOURSELF BOOKLET WILL BE SENT BY POST.

❖ **For Interaction:** Intimation/call letter for interaction will be uploaded on bank's website or sent by email, as decided by the Bank. **NO HARD COPY WILL BE SENT.**

K. Proof of Identity to be submitted at the Examination: The candidates must bring one photo identity proof such as Passport/Aadhar/ PAN Card/Driving License/Voter’s Card/ Bank Passbook with duly attested Photograph in original as well as a self-attested Photocopy thereof. The photocopy of Identity proof should be submitted along with call letter to the invigilators in the examination hall, failing which or if identity of candidates is in doubt the candidate will not be permitted to appear for the test.

L. Action against Candidate found Guilty of Misconduct:

Candidates are cautioned that they should not furnish any particulars that are false, tampered/fabricated and they should not suppress any material information while filling up the application form. At the time of examination/interaction if a candidate is (or has been) found guilty of: (i) using unfair means during the examination and/or (ii) impersonating or procuring impersonation by any person and/or (iii) misbehaving in the examination hall and/or (iv) resorting to any irregular and/or improper means in connection with his/her candidature for selection and/or (v) obtaining support for his/her candidature by any unfair means, such a candidate may, in addition to rendering himself/ herself liable to criminal prosecution, will also be liable: a) to be disqualified from the examination for which he/she is a candidate b) to be debarred, either permanently or for a specified period, from any examination or recruitment conducted by Bank. The Bank would be analyzing the responses of a candidate with other appeared candidates to detect patterns of similarity. On the basis of such analysis, if it is found that the responses have been shared and scores obtained are not genuine/valid, the Bank reserves the right to cancel his/her candidature.

M. Use of Mobile Phone, Pager, Calculator, Smartwatch or Any Such devices:

Mobile phones, pagers, Smartwatch or any other communication devices are not allowed inside the premises where the examination/ interview is being conducted. Any infringement of these instructions shall entail cancellation of candidature and disciplinary action including ban from future examinations. (ii) Candidates are advised in their own interest not to bring any of the banned item including pagers / calculators / Smartwatch to the examination/ interview venue, as arrangement for safekeeping cannot be assured. Candidate will be required to switch off his/her mobile phone, and deposit the same at the designated location, to be collected while exiting. (iii) Candidates are not permitted to use or have in possession of calculators in examination premises.

N. IRIS Scan/Biometric Verification:

The Bank, at various stages, may capture IRIS Scan/ thumb impression of candidate in digital format for verification of genuineness of the candidates. Decision of the IRIS data/ Biometric verification authority with regard to its status (matched or unmatched) shall be final and binding upon the candidates. Refusal to participate in the process of IRIS/Biometric scanning/ verification at any stage may lead to cancellation of candidature. With regard to IRIS scanning, following points should be noted:

(a) 'LEFT EYE (IRIS)' will be captured (b) Candidate should remove contact lenses and spectacles while capturing IRIS (c) There is no touch involved in IRIS scanning. Half feet distance between scanner and eye will be maintained. Any failure to observe these points will result in non-admittance for the examination and cancellation of candidature. In case a candidate is found to be not genuine, apart from taking legal action against him/her, his/her candidature will be cancelled. With regard to Biometric verification, following points to be noted: Candidate will ensure that correct thumb impression is captured at various stages and any inconsistency will lead to rejection of the candidature. In case of any candidate found to be not genuine, apart from taking legal action against him/her, his/her candidature will be cancelled. As such, they are advised not to apply any external matter like mehendi, ink, chemical etc. on their hands."

O. HOW TO APPLY: Candidates should have **valid Email ID** which should be kept active till the declaration of result. It will help him/her in getting call letter/Interview advice etc. by email.

GUIDELINES FOR FILLING ONLINE APPLICATION	GUIDELINES FOR PAYMENT OF FEES
i. Candidates will be required to register themselves online through the link available on SBI website https://bank.sbi/web/careers/current-openings and pay the application fee using Internet Banking/ Debit Card/ Credit Card etc. ii. Candidates should first scan their latest photograph and signature. Online application will not be registered unless candidate uploads his/ her photo and signature as specified on the online registration page (under 'How to Upload Document'). iii. Candidates should fill the application carefully. Once application is filled-in completely, candidate should submit the same. In the event of candidate not being able to fill the application in one go, he can save the information already entered. When the information/ application is saved, a provisional registration number and password is generated by the system and displayed on the screen. Candidate should note down the registration number and password. They can re-open the saved application using registration number and password and edit the particulars, if needed. This facility of editing the saved information will be available for three times only. Once the application is filled completely, candidate should submit the same and proceed for online payment of fee. iv. After registering online, the candidates are advised to take a printout of the system generated online application form. v. Candidates seeking Age relaxation are required to submit copies of necessary certificates at the time of joining. No change in category of any candidate is permitted after registration of online application.	i. Application fees and Intimation Charges (Non-refundable) is ₹750/- (₹Seven Hundred Fifty only) for General/EWS/OBC candidates and no fees/intimation charges for SC/ ST /PwBD candidates. ii. After ensuring correctness of the particulars in the application form, candidates are required to pay the fees through payment gateway integrated with the application. No change/ edit in the application will be allowed thereafter. iii. Fee payment will have to be made online through payment gateway available thereat. The payment can be made by using Debit Card/ Credit Card/ Internet Banking etc. by providing information as asked on the screen. Transaction charges for online payment, if any, will be borne by the candidates. iv. On successful completion of the transaction, e-receipt and application form, bearing the date of submission by the candidate, will be generated which should be printed and retained by the candidate. v. If the online payment of fee is not successfully completed in first instance, please make fresh attempts to make online payment. vi. A provision is there to reprint the e-Receipt and Application form containing fee details, at later stage. vii. Application Fee once paid will NOT be refunded on any account NOR can it be adjusted for any other examination or selection in future.

P. HOW TO UPLOAD DOCUMENTS:

a. Details of Document to be uploaded: i. Recent Photograph ii. Signature iii. Brief Resume (PDF) iv. ID Proof (PDF) v. Proof of Date of Birth (PDF) vi. Educational Certificates: Relevant Mark-Sheets/ Degree Certificate (PDF) vii. Experience certificates (PDF) viii. Caste Certificate / EWS Certificate (if applicable) (PDF) ix. PwBD Certificate (if applicable) (PDF) x. Preferred qualification / Certification (if any) (PDF) xi. Form-16/Offer Letter/Latest Salary slip from current employer (PDF)	d. Document file type/ size: i. All Documents must be in PDF (except Photograph & Signature) ii. Page size of the document to be A4 iii. Size of the file should not be exceeding 500 kb. iv. In case of Document being scanned, please ensure it is saved as PDF and size not more than 500 kb as PDF. If the size of the file is more than 500 kb, then adjust the setting of the scanner such as the DPI resolution, no. of colors etc., during the process of scanning. Please ensure that Documents uploaded are clear and readable.
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b. Photograph file type/ size: i. Photograph must be a recent passport style colour picture. ii. Size of file should be between 20 kb - 50 kb and Dimensions 200 x 230 pixels (preferred) iii. Make sure that the picture is in colour, taken against a light-coloured, preferably white, background. iv. Look straight at the camera with a relaxed face v. If the picture is taken on a sunny day, have the sun behind you, or place yourself in the shade, so that you are not squinting and there are no harsh shadows vi. If you have to use flash, ensure there's no "red-eye" vii. If you wear glasses make sure that there are no reflections, and your eyes can be clearly seen. viii. Caps, hats and dark glasses are not acceptable. Religious headwear is allowed but it must not cover your face. ix. Ensure that the size of the scanned image is not more than 50kb. If the size of the file is more than 50 kb, then adjust the settings of the scanner such as the DPI resolution, no. of colour etc., during the process of scanning.	e. Guidelines for scanning of photograph/ signature/ documents: i. Set the scanner resolution to a minimum of 200 dpi (dots per inch) ii. Set Color to True Color iii. Crop the image in the scanner to the edge of the photograph/ signature, then use the upload editor to crop the image to the final size (as specified above). iv. The photo/ signature file should be JPG or JPEG format (i.e. file name should appear as: image01.jpg or image01.jpeg). v. Image dimensions can be checked by listing the folder/ files or moving the mouse over the file image icon. vi. Candidates using MS Windows/ MSOffice can easily obtain photo and signature in .jpeg format not exceeding 50 kb & 20 kb respectively by using MS Paint or MSOffice Picture Manager. Scanned photograph and signature in any format can be saved in .jpg format by using 'Save As' option in the File menu. The file size can be reduced below 50 kb (photograph) & 20 kb (signature) by using crop and then resize option (Please see point (i) & (ii) above for the pixel size) in the 'Image' menu. Similar options are available in another photo editor also. vii. While filling in the Online Application Form the candidate will be provided with a link to upload his/her photograph and signature.
c. Signature file type/ size: i. The applicant has to sign on white paper with Black Ink pen. ii. The signature must be signed only by the applicant and not by any other person. iii. The signature will be used to put on the Call Letter and wherever necessary. iv. Size of file should be between 10 kb - 20 kb and Dimensions 140 x 60 pixels (preferred). v. Ensure that the size of the scanned image is not more than 20 kb. vi. Signature in CAPITAL LETTERS shall NOT be accepted.	f. Procedure for Uploading Document: i. There will be separate links for uploading each document. ii. Click on the respective link "Upload" iii. Browse & select the location where the JPG or JPEG, PDF, DOC or DOCX file has been saved. iv. Select the file by clicking on it and click the 'Upload' button. v. Click Preview to confirm the document is uploaded and accessible properly before submitting the application. If the file size and format are not as prescribed, an error message will be displayed vi. Once uploaded/ submitted, the Documents uploaded cannot be edited/ changed. vii. After uploading the photograph/ signature in the online application form candidates should check that the images are clear and have been uploaded correctly. In case the photograph or signature is not prominently visible, the candidate may edit his/ her application and re-upload his/ her photograph or signature, prior to submitting the form. If the face in the photograph or signature is unclear the candidate's application may be rejected.

Q. GENERAL INFORMATION:

I. Before applying for the post, the applicant should ensure that he/ she fulfils the eligibility and other norms mentioned above for that post as on the specified date and that the particulars furnished by him/ her are correct in all respects. II. Candidates belonging to reserved category including, for whom no reservation has been mentioned, are free to apply for vacancies announced for General category provided they must fulfil all the eligibility conditions applicable to General category. III. In case it is detected at any stage of recruitment that an applicant does not fulfil the eligibility norms and/ or that he/ she has furnished any incorrect/ false information or has suppressed any material fact(s), his/ her candidature will stand cancelled. If any of these shortcomings is/ are detected even after appointment / final selection, his/ her services are/ is liable to be terminated forthwith. IV. The applicant should ensure that the application is strictly in accordance with the prescribed format and is properly filled. V. Appointment of selected candidate is subject to his/ her being declared medically fit as per the requirement of the Bank. Such appointment will also be subject to the service and conduct rules of the Bank for such post in the Bank, in force at the time of joining the Bank. VI. Candidates are advised to keep their e-mail ID active for receiving communication viz. call letters/ Interview date advice etc., as no communication may be sent in hard copy. VII. The Bank takes no responsibility for any delay in receipt or loss of any communication whatsoever. VIII. Candidates serving in Govt./ Quasi Govt. offices, Public Sector undertakings including Nationalized Banks and Financial Institutions are advised to submit 'No Objection Certificate' from their employer at the time of interview, failing which their candidature may not be considered and travelling expenses, if any, otherwise admissible, will not be paid. IX. In case of selection, candidates will be required to produce proper discharge certificate from the employer at the time of taking up the appointment. X. Candidates are advised in their own interest to apply online well before the closing date and not to wait till the last date to avoid the possibility of disconnection / inability/ failure to log on to the website on account of heavy load on internet or website jam. SBI does not assume any responsibility for the candidates not being able to submit their applications within the last date on account of aforesaid reasons or for any other reason beyond the control of SBI.	XI. DECISION OF BANK IN ALL MATTERS REGARDING ELIGIBILITY, CONDUCT OF INTERVIEW, OTHER TESTS AND SELECTION WOULD BE FINAL AND BINDING ON ALL CANDIDATES. NO REPRESENTATION OR CORRESPONDENCE WILL BE ENTERTAINED BY THE BANK IN THIS REGARD. XII. The applicant shall be liable for civil/ criminal consequences in case the information submitted in his/ her application are found to be false at a later stage. XIII. Merely satisfying the eligibility norms does not entitle a candidate to be called for interview. Bank reserves the right to call only the requisite number of candidates for the interview after preliminary screening/ short-listing with reference to candidate's qualification, suitability, experience etc. XIV. In case of multiple application, only the last valid (completed) application will be retained, the application fee/ intimation charge paid for other registration will stand forfeited. XV. Any legal proceedings in respect of any matter of claim or dispute arising out of this advertisement and/ or an application in response thereto can be instituted only in Mumbai and Courts/ Tribunals/ Forums at Mumbai alone shall have sole and exclusive jurisdiction to try and entertain any cause/ dispute. XVI. Outstation candidates, who may be called for interview after short-listing will be reimbursed the cost of travelling by Train (Tier III) fare for the shortest route in India OR the actual travel cost in India (whichever is lower) on the basis of actual journey. Local conveyance like taxi/cab/personal vehicle expenses/fares will not be payable / reimbursable. A candidate, if found ineligible for the post will not be permitted to appear for the interview and will not be reimbursed any fare. XVII. Request for change / correction in any particulars (including category in the application form, once submitted will not be entertained under any circumstances. No correspondence/phone/email will be entertained in this regard. Candidates are advised to fill up the online application carefully and furnish the correct information in this application. XVIII. BANK RESERVES RIGHT TO CANCEL / MODIFY THE RECRUITMENT PROCESS EITHER ENTIRELY OR PARTIALLY AT ANY STAGE / TIME FOR ANY PARTICULAR POST / ALL THE POST WITHOUT ASSIGNING ANY REASONS THEREOF, WHATSOEVER. XIX. At the time of interview, the candidate will be required to provide details regarding criminal cases pending against him/her, if any. <u>Suppression of material facts will result in cancellation/ termination of candidature at any point, even if the candidate is selected, his/her selection will be canceled in such circumstances.</u> The Bank may also conduct independent verification, inter alia, including verification of Police Records, etc. The Bank reserves the right to deny the appointment depending upon such disclosure and/or independent verification.
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For any query, please write to us through link "CONTACT US/ Post Your Query" which is available on Bank's website
(<https://bank.sbi/web/careers/current-openings>)
The Bank is not liable for printing errors, if any.

Mumbai
14.09.2024

GENERAL MANAGER (RP&PM)

HOW TO APPLY

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