COMMERCIAL TAXES DEPARTMENT - RECRUITMENT TO GST PROJECT

(NOTIFICATION No. B11-38742/14/CT dated 09-08-2016)

List of shortlisted candidates for written test

Application numbers of shortlisted candidates are published below. (Shortlisted candidates are required to appear for written test on 1st October 2016 at Thiruvananthapuram. The details are provided in the admit cards available for download from the recruitment portal http://164.100.150.126:8080/comm_tax from 18-09-2016.

i) Junior Software Developer / Junior Programmer (No. of candidates: 268)

1009	1419	1743	2149	2580
1010	1428	1773	2167	2587
1030	1432	1776	2171	2593
1031	1434	1796	2191	2608
1064	1457	1798	2197	2611
1069	1478	1804	2203	2639
1073	1488	1835	2204	2650
1094	1492	1854	2210	2671
1096	1494	1861	2213	2679
1099	1496	1862	2217	2698
1108	1501	1865	2222	2707
1119	1542	1875	2255	2711
1120	1548	1906	2325	2733
1149	1558	1914	2335	2735
1178	1564	1923	2359	2737
1180	1572	1926	2387	2743
1184	1573	1928	2399	2746
1199	1578	1942	2401	2762
1210	1594	1958	2402	2794
1220	1606	1968	2409	2795
1237	1609	1978	2418	2806
1247	1612	1987	2433	2816
1288	1621	1993	2445	2825
1290	1626	2007	2459	2838
1302	1628	2018	2463	2853
1309	1660	2050	2471	2854
1345	1665	2051	2472	2871
1376	1671	2076	2478	2874
1389	1675	2077	2481	2886
1393	1704	2078	2484	2914
1395	1706	2092	2488	2931
1403	1707	2105	2503	2960
1404	1717	2116	2515	2965
1408	1718	2124	2525	2969
1417	1721	2126	2541	2971
1418	1726	2127	2564	2977

2987	3174	3393	3592	3750
3006	3179	3399	3607	3768
3007	3233	3407	3610	3770
3023	3237	3414	3617	3778
3034	3244	3448	3624	3781
3045	3267	3472	3625	3785
3055	3277	3475	3626	3795
3080	3287	3481	3635	3837
3102	3289	3483	3650	3839
3107	3291	3488	3667	3851
3113	3293	3498	3670	3904
3121	3317	3507	3675	3906
3135	3320	3528	3676	3908
3139	3329	3538	3681	3925
3150	3343	3551	3685	3939
3151	3350	3564	3693	3941
3163	3351	3569	3717	
3168	3378	3573	3727	

ii) **Asst. Software Developer / Assistant Programmer** (No. of candidates: 162)

1032	1480	1885	2252	2678
1037	1493	1888	2262	2706
1066	1495	1913	2345	2747
1072	1503	1929	2356	2765
1075	1518	1959	2393	2805
1097	1520	1963	2394	2834
1102	1541	1964	2403	2851
1169	1557	1985	2405	2861
1179	1608	1994	2430	2864
1200	1617	1996	2446	2883
1204	1619	2009	2465	2957
1230	1636	2015	2475	2959
1242	1638	2048	2477	2992
1252	1641	2063	2505	2999
1293	1678	2073	2516	3001
1304	1705	2074	2524	3032
1344	1708	2083	2542	3057
1363	1719	2111	2548	3066
1367	1725	2114	2566	3086
1397	1744	2125	2582	3105
1413	1759	2139	2591	3117
1431	1760	2170	2603	3132
1433	1801	2193	2641	3177
1449	1817	2198	2658	3183
1454	1853	2248	2672	3214

3236	3397	3568	3783	3886
3269	3434	3623	3792	3900
3303	3449	3628	3797	3913
3309	3451	3632	3817	3936
3330	3461	3640	3840	3937
3337	3471	3653	3849	
3348	3484	3678	3862	
3383	3555	3706	3885	

iii) Software Developer / Programmer (No. of candidates: 161)

1021	1598	2448	3059	3585
1033	1659	2462	3062	3586
1053	1684	2464	3078	3601
1054	1710	2469	3093	3608
1055	1745	2479	3127	3620
1067	1769	2507	3140	3642
1068	1770	2522	3157	3657
1076	1799	2533	3173	3679
1080	1800	2551	3184	3696
1092	1851	2556	3194	3736
1105	1856	2561	3196	3742
1115	1882	2579	3203	3745
1123	1893	2606	3215	3749
1135	1979	2614	3223	3754
1155	1982	2635	3229	3763
1168	1988	2636	3290	3790
1174	2017	2646	3304	3791
1191	2022	2676	3346	3810
1197	2024	2677	3347	3820
1265	2047	2705	3361	3824
1295	2065	2725	3382	3842
1362	2082	2756	3425	3848
1441	2119	2810	3440	3892
1468	2144	2850	3453	3903
1475	2182	2856	3458	3924
1479	2199	2891	3469	3927
1482	2266	2922	3473	3928
1485	2334	2942	3480	3933
1487	2372	2949	3489	3945
1511	2392	2966	3529	
1517	2398	2997	3537	
1551	2421	2998	3566	
1552	2429	3004	3577	

iv) Open Source Specialist (No. of candidates: 16)

1036	1887	2946	3574
1491	2172	3301	3700
1519	2177	3392	3899
1792	2555	3421	3919

v) Senior Software Developer / Senior programmer (No. of candidates: 127)

1025	1471	2159	2663	3353
1035	1473	2163	2704	3415
1040	1502	2201	2708	3433
1041	1508	2206	2736	3441
1047	1529	2214	2742	3494
1048	1555	2268	2754	3521
1052	1570	2280	2772	3532
1065	1579	2350	2819	3539
1081	1588	2353	2887	3561
1086	1589	2362	2929	3588
1087	1602	2364	2943	3606
1088	1603	2369	2944	3616
1089	1631	2382	2953	3684
1091	1633	2406	2989	3689
1095	1657	2412	3003	3746
1103	1666	2427	3019	3758
1118	1741	2432	3022	3825
1126	1775	2436	3048	3826
1130	1794	2449	3068	3834
1175	1811	2454	3248	3889
1177	1858	2460	3249	3897
1226	1945	2473	3270	3898
1259	1955	2523	3300	3953
1368	1984	2549	3321	
1399	2046	2557	3325	
1412	2113	2601	3341	

vi) Junior Database Administrator (No. of candidates: 13)

1435	2062	2367	3515	3955
1477	2123	2651	3603	
2026	2228	2972	3942	

vii) Database Administrator (No. of candidates: 13)

1162	1429	1930	2607	3847
1383	1497	2031	2954	
1421	1821	2357	3581	

viii) Junior System Administrator (Linux) (No. of candidates: 86)

1003	1486	2034	2422	3292
1022	1514	2055	2453	3326
1058	1530	2066	2565	3334
1059	1531	2107	2588	3381
1071	1535	2115	2659	3396
1090	1547	2129	2661	3520
1101	1595	2156	2715	3548
1107	1624	2161	2718	3553
1133	1625	2225	2804	3637
1154	1729	2242	2808	3738
1203	1795	2259	2855	3809
1294	1810	2283	2892	3843
1305	1833	2313	2906	3887
1324	1838	2319	2947	3949
1416	1842	2341	2988	
1439	1846	2348	3025	
1451	1899	2363	3124	
1460	1983	2368	3262	

ix) Systems Administrator (Linux) (No. of candidates: 87)

1004	1458	2040	2666	3274
1013	1481	2101	2682	3282
1050	1484	2112	2685	3283
1061	1504	2117	2766	3306
1070	1515	2128	2863	3333
1074	1545	2155	2902	3366
1109	1550	2209	2916	3384
1153	1629	2220	2950	3429
1156	1727	2258	2951	3504
1215	1728	2365	2984	3506
1225	1771	2370	3017	3524
1267	1783	2395	3030	3724
1317	1832	2489	3089	3800
1325	1874	2518	3106	3943
1334	1946	2521	3114	3948
1365	1971	2528	3160	
1385	1976	2532	3219	
1388	2036	2567	3228	

x) Project Management Support Engineer (No. of candidates: 24)

1391	1824	2276	2751	3362
1396	1937	2277	2818	3525
1540	2010	2343	2910	3708
1614	2088	2407	2958	3721
1645	2208	2664	3052	

Thiruvananthapuram   sd/-
Dated: 24-09-2016   **COMMISSIONER**

GOODS AND SERVICE TAX PROJECT

DEVELOPMENT OF BACKEND SYSTEM

INSTRUCTIONS TO CANDIDATES

COMMERCIAL TAXES DEPARTMENT

CONTENTS

1. ABOUT THE PROJECT

The Government of India had decided to roll out Goods and Service Tax throughout the country with effect from 1st April 2017. For the proposed Goods and services Tax, the Commercial Taxes Department, Kerala is developing a technology platform. Goods and Services Tax Network (GSTN), has been established to provide the IT infrastructure for the roll-out of GST and will connect with systems of States and the Center. In this connection, Commercial Taxes Department, Government of Kerala invites applications from eligible candidates for recruitment on contract basis on the listed positions in specialized segments. (Refer Annexure-I)

2. PROCESS FOR SELECTION

As there are 2957 applications for various positions received, it has become essential to conduct the selection in stages. There are two stages in the selection process. They are:

1) Written Examination consisting of Objective test (only for qualification)

2) Descriptive written Test, Practical Test and Interview.

2.1 WRITTEN EXAMINATION

2.1.1 OBJECTIVE TEST

Every candidate who are shortlisted should first take written examination. The written examination consists of two parts. The first part will be Objective type questions. There will be 60 questions. Each question is provided with four choices (A), (B), (C) and (D) having one correct answer. The candidate have to choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball point pen only. Each correct answer carries 1 mark and for each wrong answer 1 mark will be deducted (negative mark). If more than one bubble is darkened, it will attract negative mark. Hence candidates are advised to choose answer carefully from the given choices.

The duration of the Objective Test is 60 Minutes.

The marks obtained in the objective type exam will be used only for elimination purpose. The cutoff marks for elimination will be determined appropriately after the valuation of objective exam. The number of candidates that would go to the next stage of selection will be highest scorers at the ratio of 1:10 against the notified vacancies for each position. While computing the 1:10 ratio of candidates, if more candidates happen to secure the same mark and come within the 1:10 ratio, then all the candidates with the same mark will be reckoned for the second stage of selection.

Illustration

Total candidates appeared for objective exam for a particular post: 600

No. of vacancies   : 2

Qualification to second stage of the exam: 1:10 ratio ie, 20 candidates

In the objective exam if 25 persons secures the cut off mark or above then all 25 shall be reckoned as qualified to the second stage.

2.1.2 DESCRIPTIVE EXAM- MAXIMUM MARKS-20

The second stage consists of descriptive type questions. The descriptive exam shall be Post Specific.

The duration of the descriptive test will be 60 minutes for each category of posts. If a candidate has applied and qualified the objective exams for more than one positions (say 3 positions), then he has to write 3 descriptive exams (total 3 Hours)i.e. one hour exams for each position, if he is to be considered for all the three positions. The Answer sheets will be provided.

2.1.3 SYLLABUS FOR WRITTEN EXAM

The Syllabus for written Test (common for both Objective & Descriptive) is prescribed below.

Data Structures	Stack, Queue, List, Set, B-Tree, Binary search tree, Heap
Algorithms	Searching, sorting, hashing
Computer Networks	ISO Standards, Network topologies, communication protocols- TCP/IP, network devices- Basic concepts of switches, gateways, and routers, VPN, DNS, DHCP, FTP, SMTP, POP/ IMAP basics, LDAP Network Security: Authentication, basics of public key and private key cryptography, digital signatures and certificates, firewalls Internetworking concepts: Network layer in internet, IP Addressing – Subnetting
Software Engineering	SDLC Models – requirement analysis- requirements elicitation for software , analysis principles, Software Design, Project Management concept, Project scheduling and tracking, Software configuration management, Software Metrics and Measurements – Software Verification and Validation – Software testing
Database Design	ER – model, Relational model: relational algebra, SQL. Integrity constraints, Database Design Theory and methodologies – Normal forms, Data Flow Diagrams, process Flow diagrams. File organization, indexing, Hashing (e.g., B and B+ trees) – Basic Query Optimization, OLAP, Data warehousing, Basic Data Mining and Business Intelligence Database Transactions and concurrency control

	Basic Relational Algebra and Relational Calculus, Structured Query Language (SQL-99), Views, Stored Procedures
Object Oriented Techniques	Fundamentals of object-oriented Design : Data Abstraction, Encapsulation, classes, Inheritance and Polymorphism, *Inheritance*, use cases, Class Diagrams, Sequence Diagrams
Linux	Basic Commands, File Systems, File Management, Core System Services
Java Programming	Core Java – Exception handling, Multithreading, Garbage Collection, Collection Framework, JNI, AWT and Swing, Input and Output, RMI, Java Mail API, Java XML, JAVA SoAP, Servlet, Java Server Pages, Enterprise Java Beans, JDBC, JNDI, JMS, AJAX, Object Relational mapping, to find out the output of the given code segment
Logical and Arithmetic Reasoning	

2.2 PRACTICAL EXAMS - MAXIMUM MARKS - 60

Shortlisted candidates for the positions Junior Software Developer / Junior Programmer, Asst. Software Developer / Assistant Programmer, Software Developer / Programmer, Open Source Specialist and Senior Software Developer / Senior programmer is required to undergo practical exams. The duration of practical exams will be 90 minutes. The exam will be conducted in batches. The practical test shall be done using the computers provided for the purpose only. The candidates shall not be permitted to use any other equipments brought by the candidate.

The Syllabus for the Practical Test is as follows.

Practical Examination	A web based program may be developed using Struts or Spring Framework or using JSP and Servlet.
	Environment provided for the practical examination are as below.
	• J2EE 7
	• Apache Tomcat 7
	• Struts 2 framework
	• Spring Framework
	• Eclipse IDE (Neon)
	• Spring Tool suite (3.8.1)
	• NetBeans 7 IDE
	• PostgreSQL 9.2 / MySQL 5.0
	• Adminer 4.2.5 – Database management tool to view the database scheme of Postgres/MySQL database
	• JDBC connectors for PostgreSQL and MySQL

2.3 PERSONAL INTERVIEW – MAXIMUM MARKS - 20

The interview will be conducted simultaneously to the practical test and the candidates have to appear for personal interview before interview board at the same venue.

2.4 FINAL SELECTION OF CANDIDATE

Total marks allotted for the entire selection (consisting of descriptive exam, practical exam and personal interview) process is 100. The selection of candidates shall be on the basis of marks obtained in written test (descriptive), practical test and Interview. The breakup of total marks is as follows

Descriptive Exam   -   20 marks

Practical Exams   -   60 marks

Interview   -   20 marks.

The selection of candidates shall be on the basis of the aggregate marks obtained in descriptive written test, practical test and Interview. The marks obtained in objective test will not be reckoned for preparation of Rank list.

3 SCHEDULE FOR EXAMS

The exams will be conducted in three batches. The written exams will be followed by practical tests and interviews. The schedule for the exam is shown below.

EXAMS	Date & Time	venue
Objective Test	01-10-2016 (9 am to 10 am)	Govt. Girls Higher Secondary School, Cotton Hill, Vazhuthacaud, Thiruvananthapuram
Descriptive test	01-10-2016 (3pm onwards)	Govt. Girls Higher Secondary School, Cotton Hill, Vazhuthacaud, Thiruvananthapuram
Practical Test & Interview	3.10.2016 or 04.10.2016 (8 AM onwards)	Govt. Engineering College, Barton hill, Thiruvananthapuram

- The list of candidates shortlisted for the descriptive exam will be published at 2pm at the venue of examination on the same day itself. Others can leave the exam center.

- All the candidates are requested to plan their travel and accommodation accordingly.

- The candidates are requested to download Admit Card from the online recruitment portal using their login credentials and affix recent passport size photographs in the Admit Card and in its counterfoil in the space provided. **The candidates shall produce the Admit Card for entry into the examination hall.**

4 GENERAL INSTRUCTIONS TO CANDIDATES

1. All candidates are requested to be present in the examination hall before 30 minutes from the time of exams. Candidates who come to exam hall after 9.30 am shall not be allowed to write the examination under any circumstances. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided. Candidates should affix their recent colour photo (passport size) in the space provided in the Admit card and sign across the photo in presence of the invigilator. Candidates are also requested to bring along with them any one of the following identify cards (Aadhaar card / voter's ID card / Driving Licence Certificate / PAN card /Ration card / Passport) and it should be produced for verification by the invigilator/examiner. No other Identity card will be accepted.

2. All candidates are required to keep with them the self-attested Photostat copies of Certificates proving educational and technical qualifications/work experience etc. The candidates eligible for Descriptive Test, Practical Test and Interview shall handover the self-attested Photostat copies of Certificates proving educational and technical qualifications/work experience etc. The original of Certificates of the same should also be produced at the time of written exam for verification.

3. Candidates who fail to bring the Educational/Technical/Work Experience Certificates in original shall be liable to be disqualified from the selection process at any stage. Similarly on deep scrutiny, subsequent to their posting, if it is found that the certificates produced are not genuine, the Department will have the right to terminate them from employment and necessary legal action will be taken against them. Hence all candidates are requested to ensure that they carry with them at all stages of selection process all the required documents to substantiate their qualification for the post.

3. The candidates shall have to stay in Thiruvananthapuram to complete the entire selection process. The candidates shall make their own arrangements in this regard. **The practical Test and Interview of the candidates belonging to outside Kerala will be completed on 03/10/2016 itself.**

4. Candidates should bear all their expenses related to traveling, accommodation and other things in connection with exam.

5. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the examination will result in the disqualification of the candidate.

5 CHECKLIST TO CANDIDATES

Candidates are requested to make sure the following check-list while they appear for the selection process.

1. Admit Card and Counter foil (with photos).

2. All Certificates in original to prove qualification and experience.

3. Photostat Copies of all Certificates (to be handed over).

4. Identity Proof in original.

6 CONTACT NUMBERS

For queries related to recruitment, the following contact numbers will be available.

GST Cell Commercial Taxes   -   0471-2785272

OSD, GST Cell   -   9446043180

Asst. Commissioner (ITMC)   -   9447786343

ITMC Commercial Taxes   -   0471-2785184

SI#	Position	Eligibility	No. of positions
1.	Junior Programmer	Educational Qualification: BE / B.Tech (IT / CS/ ECE) / MCA / M.Sc (IT / CS / Software Engineering) Experience: a) Required Skills - JAVA/J2EE, HTML 5, CSS, AJAX, JS/JQuery, Struts/Spring, Hibernate b) Minimum One year experience in Database driven Enterprise Java Web Application Development under Linux Platform with PostGreSQL / Apache TOMCAT / JBOSS c) Knowledge and experience in MVC Frameworks (STRUTS / SPRING / Hibernate etc) d) Minimum two months course (post qualification) on JAVA Enterprise Software Development with Open Source DBMS (PostgreSQL / MySQL) under Linux Platform	5
2.	Assistant Programmer	Educational Qualification: BE / B.Tech (IT / CS/ ECE) / MCA / M.Sc (IT / CS / Software Engineering) Experience: (a) Required Skills - JAVA/J2EE, HTML 5, CSS, AJAX, JS/JQuery, Struts/Spring, Hibernate (b) Minimum Two Year Industry Enterprise Web and Enterprise Application Development experience using Open Source technologies JAVA/J2EE platform. (c) Experience / Expertise in MVC Frameworks (STRUTS / SPRING / Hibernate etc) (d) Hands on experience in Core Java, JDBC, Servlets, JSP, JavaScript/JQuery (e) Hands on experience in using Eclipse, NetBeans. Note:- One post will be filled with the candidate having graphic & web designing (UI Designer) experience (Photoshop, Dreamweaver, etc)	5
3.	Programmer	Educational Qualification: BE / B.Tech (IT / CS/ ECE) / MCA / M.Sc (IT / CS / Software Engineering) Experience: (a) Minimum Three Years Industry experience in Enterprise Web Application Development using Open Source technologies JAVA/J2EE platform. (b) Experience / Expertise in MVC Frameworks (STRUTS / SPRING / Hibernate etc) (c) Hands on experience in Core Java, JDBC, Servlets, JavaScript, JQuery, BootStrap, JSON (d) Hands on experience in using Eclipse, NetBeans. Desirable:	5

		(a) Experience in Mobile Application Design and Development (Android / IPhone), SQLite Database (b) Experience in using Android Studio (c) Experience in Web Application Development for Government Verticals	
4.	Open Source Specialist	Educational Qualification: BE / B.Tech (IT / CS) / MCA / M.Sc (IT / CS / Software Engineering) Experience: (a) Minimum Three Years Industry experience in Open Source Technologies. (b) In-depth experience in LINUX, PostgreSQL, Apache Tomcat/JBOSS along with Version control system and Testing Tool. (c) Experience / Expertise in MVC Frameworks (STRUTS / SPRING / Hibernate etc). (d) Hands on experience in Core Java, JDBC, Servlets, JavaScript, JQuery, Bootstrap, REST, JSON. (e) End-to-end software development from analysis, implementation and quality assurance. (f) Strong trouble shooting skills and Performance tuning skills in Open source Technologies. Desirable: (a) Experience in Mobile Application Design and Development (Android / IPhone), SQLite Database. (b) Experience in using Android Studio. (c) Experience in Web Application Development for Government Verticals.	2
5.	Project Management Support Engineer	Educational Qualification: BE / B.Tech (IT / CS/ ECE) with MBA (Systems / Project Management / General Management) Experience: a) Minimum Two Year Experience in Software Project Management preferably in large IT projects.	1
6.	Senior Programmer	Education: BE / B.Tech (IT / CS/ ECE) / MCA / M.Sc (IT / CS / Software Engineering) Experience: a) Minimum Five Years Industry experience in Enterprise Web and Enterprise Application Development using Open Source technologies JAVA/J2EE platform b) Experience / Expertise in MVC Frameworks (STRUTS / SPRING / Hibernate etc) c) Hands on experience in Core Java, JDBC, Servlet, JSP, JavaScript, AJAX, JQuery, BootStrap, Hibernate, REST, JSON d) Hands on experience in using Tomcat, JBoss Servers. e) Hands on experience in using Eclipse, NetBeans. Desirable: a) Experience in Android SDK 2.2-5.1, SQLite Database	5

		b) Experience in using Android Studio	
		c) Two Years' Experience in Web Application Development for Government Verticals	
7.	Junior Database Administrator	Educational Qualification: BE / B.Tech (IT / CS/ ECE) / MCA / M.Sc (IT / CS / Software Engineering) Experience: a) Minimum One Year Experience in Database Management (PostgreSQL) under Linux platform in industry b) Certificate Course on PostGreSQL Administration or Certification in any Open Source RDBMS	1
8.	Database Administrator	Educational Qualification: BE / B.Tech (IT / CS / ECE) / MCA / M.Sc (IT / CS / Software Engineering) with Certification in Open Source RDBMS management. Experience: a) Minimum Three Years Industry Experience in Database Management (PostgreSQL) under Linux platform b) Experience and expertise in Indexing, Partitioning, Triggers, Stored Procedures & Functions, Replication, Master -Slave & Multi Master, Clustering, Tuning, Backup & Recovery c) Experience in Database and Software Optimization in large applications d) Experience in Cloud Environment / Data Centre environment desirable.	1
9.	Junior System Administrator	Educational Qualification: BE / B.Tech (IT / CS / ECE) / MCA / M.Sc (IT / CS / Software Engineering) Experience: a) Minimum One Year Experience in Linux Administration in industry b) Certificate Course on Linux Administration/ Certification in Linux Administration desirable.	1
10.	System Administrator	Educational Qualification: BE / B.Tech (IT / CS/ ECE) / MCA / M.Sc (IT / CS / Software Engineering) with Certification in Open Source RDBMS management. Experience: a) Minimum Two Years Industry Experience in Linux Administration b) Experience and expertise include: Installation, and Commissioning of Operating Systems and PostGreSQL, APACHE, TOMCAT Servers, preferably in a Data Centre/Cloud Environment c) Linux Administration, DNS Management, b) Certification in Linux Administration Desirable: Network Management Experience in addition to System Administration.	1
11.	Software Technical Support Engineer	Education: BE / B.Tech (IT / CS/ ECE) with One Year Experience (OR) B.SC (CS / IT) / BCA / Three Years Diploma (Computer Science / Electronics & Communication) with two Years' Experience.	4

12.	Field Management Service Support Engineer	Experience: a) Minimum One Year Experience in Network Support / Operating Systems Support / Security Issues / Anti-Virus management etc in case of of BE/B.Tech and Two Years' experience in similar areas in case of Diploma Holders and B.SC / BCA (IT /CS) Desirable: a) Experience in Field level troubleshooting, Maintenance / Management of L2, L3, MPLS, VPN, Wireless Networks b) Experience in Security / UTM / Firewall etc c) Installation and Maintenance of Operating Systems (Desirable) d) Certification in Network Management / Systems Administration (Desirable)	2