

**List of Shortlisted Candidates for Written Test for the post of Technical Assistant (Electrical)
against VC No. 60/15**

S. No.	Registration No.	Name	Category
1	216818	SOUMITRA SANTRA	GEN
2	217346	AJAY YASHAWANT BANTE	GEN
3	217898	SAURABH KUMAR SINGH	GEN
4	218208	NOOR RAFI	GEN
5	218769	AMIT KUMAR CHOUHAN	GEN
6	219131	AMULRAJ	GEN
7	220296	DILLIP KUMAR JENA	GEN
8	220469	YUVARAJ.J	GEN
9	220685	AYUSH KUMAR	GEN
10	220697	PRASHANT KUMAR	GEN
11	221111	ASHISH KUMAR	GEN
12	221877	ASHISH MATHUR	GEN
13	224140	PANKAJ KUMAR SHUKLA	GEN
14	224393	SHETH BHAVINKUMAR	GEN
15	224441	TANGUDU V S PRASADA RAO	GEN
16	227018	SUKDEB SAMANTA	GEN
17	228225	SANDIP MANDAL	GEN
18	229570	KIRAN KUMAR	GEN
19	229931	ASHUTOSH KUMAR	GEN
20	230509	JAGANNATH	GEN
21	230951	TRINATH KUNAPAREDDY	GEN
22	231135	PANKAJ KUMAR	GEN
23	232597	LOKESH GUPTA	GEN
24	234204	NILADRI MALLICK	GEN
25	234756	NEERAJ MISHRA	GEN
26	217113	PRAVASH RANJAN SAMAL	OBC
27	218092	THANGARAJ.M	OBC
28	218297	NIKHIL KUMAR GUPTA	OBC
29	218923	RAMESH.N	OBC
30	220479	MR SUBHRANIL GARAI	OBC
31	221397	SAFIQUR RAHAMAN	OBC
32	222287	ULAGANATHAN	OBC
33	222911	DINESH KUMAR CHOUDHARY	OBC
34	225368	PINTU PATEL	OBC
35	225647	DEBENDRA NATH KAR	OBC
36	225707	SAILESH E	OBC
37	226519	TEJBHADUR SAHNI	OBC
38	226814	ARYAN RAJ	OBC
39	226817	AMARJEET KUMAR	OBC
40	228156	BARANEESWARAN B	OBC
41	228702	ARUNKUMAR V	OBC

42	230508	CHANDRA SHEKHAR RATHORE	OBC
43	231997	YUVRAJ SAHU	OBC
44	234096	SANDEEP GAUTAM	OBC
45	217729	MEDI RATHNA RAJU	SC
46	218242	L TAMILSELVAN	SC
47	218772	SANDIP ANANDRAO GADE	SC
48	218883	S. BHARATH KUMAR	SC
49	220182	RAJENDRA BAXER	SC
50	222953	RAHUL	SC
51	223091	MAKWANA CHANDRAKAT	SC
52	225385	MUKESH KUMAR	SC
53	226215	CHITTA RANJAN PATRA	SC
54	233909	OJASVI CHANDRA	SC
55	219524	NARENDER SINGH	ST
56	232127	TIPPANNA	ST

Shortlisted candidates are requested to check their email Inbox/ Spam/ Junk folder for further details about the Process

Details of the selection are as under

Selection Round	Date and Time	Address
Written Test	31.10.2015 2:00 PM	ICF Technical Training Centre Next to ICF stadium Chennai - 600 038 Tamil Nadu Bus Stop : Ambedkar Arangam Nearest Railway Station: Perambur Loco Works or Villivakkam
Interview (Subject to merit list of Written Test)	01.11.2015 & 02.11.2015 10:00 AM	

Candidates are advised to report at the venue 30 minutes in advance to ensure smooth conduct of the examination.

Candidates are also requested to bring the following documents (in original alongwith a set of self-attested copies), at the time of interview, failing which their candidature is liable to be rejected:

- i. Call letter (Sent in e-mail)
- ii. Your Application Form
- iii. Proof of Date of Birth
- iv. Certificate of Academic & Professional qualifications and statements of marks of all the qualifications for all semesters/years
- v. Proof of Identity (Election Card, Passport, Driving License, Adhar Card, PAN Card etc.)
- vi. SC/ST/OBC certificate in the presented format, if applicable
- vii. Experience Certificates for the period as indicated in your application form
- viii. Any other document in support of your candidature

Syllabus for written test for TA (Electrical) in RITES

GENERAL ELECTRICAL ENGINEERING, INTERNAL AND EXTERNAL

Electrification. HVAC (HEATING Ventilation and Air conditioning) and Lightning / Illumination etc.

Circuit theory, RLC circuits, magnetically coupled circuits, Ohms law, Kichoff law, thevenin theorem, Norton theorem, etc., single phase and 3 phase AC systems, earthing (grounding), equipment earthing, sub-station earthing. Electro-magnetic theory and electrical engineering materials.

System voltage levels, voltage variations, voltage control, load frequency control, load shedding. peak load problem and maximum demand management. Power supply quality, power plants, renewable and conventional sources of energy for electric power generation.

AC transmission, HVDC transmission and national grid of India. Distribution system - Urban, rural, industrial and residential. Sub-stations, equipment and bus-bar systems, conventional, VCB, SF₆, GIS, type switchgears

Power cables, LT/HT power cables, cabling and cable fault location. Primary cells, storage batteries, battery charging systems. UPS in electrical plants, fuel cells.

Power transformers, distribution transformers, instrument transformers and auto transformers. Switchgears, circuit breakers, contactors, metal clad, switchgears, capacitors, capacitor banks, voltage control and voltage stability. Protection, control and automation of electrical plants and equipments.

Rotary machines, utilizations protection and maintenance of industrial and other types of electrical machines. Selection of motors. Various types of electric drives. Installation and commissioning of various types of electric motors. Electrical and mechanical maintenance of rotating machines.

Protection and automation of 3 phase alternatives, automatic voltage regulators and excitation systems. Commissioning and synchronization of alternatives with grid system. DG sets, their installation commissioning and maintenance aspects. Single-phase AC motors and their applications.

Power electronics, drive control system using silicon rectifier based power converters. PLC and micro-processor based motor control.

Pumps, fans, blowers and compressors. Ventilation, air-conditioning and refrigeration. Window type. package type and centrally air-conditioning systems. Electrical heating and melting furnishes. Illumination engineering, domestic installation and home electrical appliances.

Inspection and testing of electrical equipment, components, fittings. type of tests; sampling of components; test methods for different electrical equipment, components, cables, wires, insulators etc.