Essential Qualification

SENIOR TECHNICAL ASSISTANT (COMPUTER)
(PB-2) Rs. 9300-34800 + G.P. Rs. 4200 on VI CPC(Level-6) as per VII CPC

Total Post: 01 (Unreserved)

Essential:
MCA or M.Sc. (Computer Science/ IT) from a recognized University/ Institute with one year experience or B.Tech./ B.E. (Computer Science / Information Technology / ECE) or equivalent degree with one year experience in relevant area.

Maximum Age Limit: 35 years (Age relaxation will be allowed as per the guidelines of University of Delhi/ UGC).

The Scheme of Examination for recruitment
The following shall be the scheme of Examination, components of written test and its syllabus for recruitment to the post of Senior Technical Assistant by the direct recruitment.

A. Scheme of the Examination:

Paper I (MCQ) Test of General Science and Awareness (Level-Post Graduate)	Time: 2 hours*	Maximum Marks: 300 marks (150 questions)
Paper II Subject specific laboratory based practical questions	Time: 3 hours*	Maximum Marks 150 marks
Skill Test Skills pertaining to subject matter of the concerned post would be assessed through a skill test to be conducted by the concerned department under the direct supervision of HOD/ Dean of concerned Faculty/ Principal of College. The skill test shall be conducted in a manner which will elicit the ability of the candidate in handling various scientific/ humanities experiments/ tests, as the case may be in a typical laboratory set up of the concerned department. This skill test is aimed to check the practical knowledge of the candidate in terms of various Do's and Don'ts in a laboratory related to various hazards, precautions etc.	Time: 1 hour	The test will be of 50 marks. To qualify the candidate should obtain 30 marks. This will however be only qualifying in nature.
Total Marks (300+150)		**450 marks**

* 15 minutes extra per hour would be given to Visually Handicapped and Cerebral Palsy candidates.

Paper I	Test Components	Duration: 2 hours	
		No. Of Question	**Marks**
(A)	General Science**	60	120
(B)	General awareness	20	40
(C)	Reasoning ability	20	40
(D)	Mathematical ability	30	60
(E)	Test of Language English or Hindi	20	40
	Total	**150**	**300**

** The candidate has to secure 50% marks in Section (A) of this paper, 5% relaxation will be provided for SC/ ST/ OBC/ PwD.

Syllabus Paper I:

(i)   **General Science:** Questions will be designed to test the knowledge of science, laboratory equipment and laboratory practice. The questions may be from all the spheres of science, however, emphasis would be on the field of science pertaining to the department for which the candidate is being assessed. In case of appointment in departments under the Faculty of Arts /Social Sciences /Mathematical Sciences questions pertaining to the subject matter of the concerned department may also be included.

(ii)   **General Awareness:** Questions will be designed to test the ability of the candidate's General Awareness of the environment and its relevance to the society. The questions will also be designed to test knowledge of the current events and of such matters of every day observation as may be expected of an educated person. The test will include questions relating to India and its neighboring countries especially pertaining to History, Indian Polity & Constitution. Art and culture, Geography, Economics, General Policy, Science and Scientific Research, National / International Organisations / Institutions, events etc.

(iii)   **Reasoning Ability:** The syllabus of General Intelligence includes questions of both verbal and non-verbal types. Test may include questions on analogies, similarities, differences, space visualization, problem solving, analysis, judgement decision making, visual memory, discrimination, observation, relationship, concept arithmetical reasoning, verbal and figure classification, arithmetical number series etc.

(iv)   **Mathematical Ability:** The test of Arithmetical and Numerical Ability will cover Number System including questions on Simplification. Decimals, Fractions, LCM, HCF Ratio and Proportion, Percentage, Average, Profit and Loss, Discount. Simple and Compound Interest, Mensuration. Time and Work, Time and Distance, Tables and Graphs, etc.

(v)   **Test of English or Hindi:** In addition to the testing of candidate's understanding of the English or Hindi Languages, its Vocabulary, Grammar, Sentence Structure, Synonyms, Antonyms and its correct usage etc. would also be tested.

Syllabus Paper II: Subjects specific laboratory based practical questions. The paper will cover the following areas:

Topic	Marks allocated
Subject specific laboratory based practical questions	**Section I** – MCQ
Knowledge of Computers with special reference to knowledge of word processing, data analysis packages	100 marks (50 questions) **Section II** – Descriptive 50 marks (05 questions)

A.   **Skill Test:**

The Skill test shall be qualifying in nature and no additional credits for the same shall be allocated. This skill test is aimed to check the practical knowledge of the candidate in terms of various Do's and Don'ts in a laboratory related to various hazards, precautions etc.

Note:

1. The question paper should be bilingual (English and Hindi) and the applicant will have the option to respond in either of the languages. However, the same medium of language must be used throughout.
2. The questions in the written test will be of the level of degree /diploma /examination which is defined as the minimum eligibility for the respective post.

3. The minimum overall qualifying marks for Paper I and Paper II shall be 45% for the unreserved posts and 40% for the posts reserved for OBC category and 35% for the posts reserved for SC/ ST/ PWD category. However, section (ii), (iii), (iv) and (v) of the paper will evaluated only if a candidate obtains 50% marks in the section (i) of the paper, 5% relaxation will be provided for SC/ST/OBC/PwD.
4. Answer script of Paper-II of a candidate would be evaluated, only if the candidate qualifies in Paper-I.
5. There shall be negative marking for wrong answers in MCQ based questions to the tune of $1/4^{th}$ of marks allocated per question.
6. Merit shall be drawn only for candidates who qualify Paper I, Paper II and skill test, separately. The Merit shall be drawn on the basis of combined scores of the Paper I and Paper II only.
7. In case of bunching / bracketing of candidates in the results of the written test, the priority / merit list would be decided as follows:
   a) The candidate having more marks in aggregate in the examination /degree /diploma which is defined as the minimum eligibility for the respective post will be given preference.
   b) In case of further bunching /bracketing of candidates. Candidate senior in age will be given preference.
   c) In case option at (a) and (b) is exhausted, it will be decided through draw of lots.