



**TRIPURA PUBLIC SERVICE COMMISSION
AGARTALA**

Advt. No.
13/2025

Online applications are invited from bonafide citizens of India for recruitment to 03 (UR-01, SC-01 & ST-01) Permanent posts of **System Analyst**, Group-B (Non-Gazetted) in Directorate of Treasuries & Accounts under Finance Department, Govt. of Tripura. The scale of pay PB-3, Rs. 10,230-34,800/-, Grade Pay of Rs. 4,600/- (Now Level 12 of Schedule I of Tripura State Pay Matrix 2018) Subject to revision of pay by the Government from time to time. The number of vacancy to be filled up is subject to increase or decrease following requisition of the Department.

Educational and other Qualifications :

- i) Essential Educational Qualification:- Bachelor Degree in Technology/ Engineering in Electronics & Communication, Computer Science and Information Technology or MCA from any UGC recognized University/AICTE approved Institution.
- ii) Experience:- 02(two) years experience in software development/software testing in any Government Institution/ Government Undertaking/ Company registered under Company Registration Act./ Organization of National Repute.
- iii) Permanent Resident Certificate of Tripura (PRTC) would be required while applying for jobs to the post of System Analyst by direct recruitment.
- iv) Desirable:- Knowledge of Bengali or Kokborok.

Age:- Up to 40 years as on **19.04.2025**. Upper age limit is relaxable by 5(five) years in case of SC/ST/PH candidates and Government Servants. The Government employees belong to ST/SC/PH category shall not get this relaxation over and above the General relaxation of 5 years available to them.

The last date of submission of online application is 19.04.2025(upto 5.30 PM). The application(s) received after the closing date will not be entertained.

- (a) **Selection Process:-** The Selection Procedure will be governed as per Annexure-'I'.
- (b) For detailed syllabus of Written Examination (90 marks) please refer Annexure-'D'.
- (c) Merit list will be prepared as per marks obtained by the candidates in category wise.

Other Important information:

1. Online Application Portal:

(a) Candidates will have to submit application through Online Application Portal only. The Commission will not entertain any hard copy application. Before submission of online application, read carefully the instruction to candidates.

(b) Link for Online Application Portal will be available on Commission's website from **25.03.2025** to **19.04.2025 (5.30 PM)**. Before applying for the post, an applicant (New user) shall register his/her bio-data particulars through One Time Profile Registration (OTPR) on the Commission's Website viz. <https://tpsc.tripura.gov.in> Once applicant registers his/her particulars, a User ID is generated and sent to his/her registered mobile number and email ID. Applicants need to apply for the post using the OTPR User ID through the Commission's website.

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(c) Applicants should avoid submitting multiple applications through different registration. However, if due to any unavoidable circumstances, any applicant submits multiple applications then he/she must ensure that the application with latest Application Number is complete in all respect.

(d) In case of multiple applications, the application with latest Application Number shall only be entertained by the Commission and fee paid against one Application Number shall not be adjusted against any other Application Number.

2. (a) With their respective application candidates are not required to upload/submit any certificate/document in support of their claims.

(b) Applicants must be in possession of the prescribed minimum qualification(s) and others for the post on the closing date for submission of application as mentioned in the advertisement. Their admission at all the stages of examination for which they are admitted for the Written Examination will be purely provisional, subject to their satisfying the prescribed eligibility conditions. Mere issue of admission certificate to the candidate will not imply that his/her candidature has been finally cleared by the Commission.

(c) After publication of result of Written Examination, successful candidates will be asked to submit self attested copies of the relevant documents i.e. Age proof certificate(birth certificate/Admit of Madhyamik), Educational Qualifications (Madhyamik onwards), Mark sheets & Certificate, Scheduled Tribes/Scheduled Casts/PH/Ex-SM certificate (if any), PRTC, Experience Certificate from appropriate authority there are to be also mention employees designation, type of work experience, joining date and end date, etc. at the Reception Counter of TPSC or By post addressed to the Secretary, TPSC, Agartala, PIN-799001. Submission of such documents including through post will be allowed up to specified time along with forwarding letter failing which candidature will be treated as cancelled. The Commission will not entertain any documents thereafter.

(d) On scrutiny of documents, if a candidate is found ineligible as per terms and condition of the advertisement (including prescribed recruitment fees), his/ her candidature will be rejected. If the application is not routed Through Proper Channel, at the day of interview candidates will have to submit 'No-Objection' certificate failing which his/ her candidature will not be considered for preparation of final merit list. In that No-Objection certificate, it is to be clearly mentioned that your employer has '**No-Objection**' if you are considered for recruitment to the post for which you have applied for.

(3) Rate of Recruitment Fees:

(a) Rs. 350/-(Rupees three hundred & fifty) for General Candidates and Rs.250/-(Rupees two hundred & fifty) only for ST/SC/ BPL card holders Candidates.

(b) Recruitment fee so deposited, is non-refundable.

(c) If a candidate submits incomplete application in respect of terms & condition of the Advertisement and without requisite recruitment fee, his/her candidature will be rejected.

(4) Decision of the Commission as to the eligibility or otherwise of a candidate at any stage of the selection process shall be final.

(5) Assessment and evaluation of necessary documents done by the Commission shall be final and shall not be open to scrutiny by any external authority.



(6) The Examination venue shall be closed 10 minutes before the Scheduled Commencement of Examination. No candidate shall be allowed entry into the examination venue after closure of entry. No functionary has any direction in this regard.


(7) Candidates are at liberty to making correction(s) in any field(s) of the 'Online Application Form' for the respective advertisement after closing day of submission of online application window of the said advertisement. The window for making correction(s) only will remain open for 7(seven) days from the closing day of submission of 'Online Application Form'.

After completion of such process the Commission will not entertain any application/representation for making correction(s) in any field(s) of the 'Online Application Form'.

(8) Candidates are instructed to visit the Commission's website for information regarding steps of recruitment process time to time.

(9) Mobile Phone/Electronic Gadgets etc. are banned in the Campus of the Examination Premises/Interview Premises. Any Phone/Electronic Gadget found in possession of any candidate in the Examination Premises/Interview premises shall be confiscated forthwith and he/she may be debarred from appearing at the Examination/Interview and also for the Examination(s)/Interview to be conducted by the Commission in future Violation of such instruction will be dealt as per Law.

(10) Entry in the Examination hall/Interview Premises with Jacket, Coat, Pull over & this type of garments will not be allowed.


6/3/2025
(S. Mog, IAS)
Secretary,
Tripura Public Service Commission.

SELECTION PROCEDURE FOR DIRECT RECRUITMENT TO THE POST OF SYSTEM ANALYST UNDER DIRECTORATE OF TREASURIES & ACCOUNTS, FINANCE DEPARTMENT, GOVERNMENT OF TRIPURA.

Part-A

1. Written Examination:- MCQ Base.
2. Total Marks:- 90(Ninety).
3. No. of Question:- 90 (Ninety).
4. Duration of Examination:- 120 (One hundred twenty) Minutes (2 Hours).
5. Scheme of Examination and detailed syllabus is enclosed at **Annexure-D**.
6. There will be 04(four) alternatives for the answer to every question (Candidates have to choose the correct option).
7. For each question, for which a wrong answer has been given by the candidate, 1/4 (one fourth) of the marks assigned to that question will be deducted as penalty.
8. If a candidate gives more than one answer, it will be same penalty as above to that question.
9. If a question is left blank i.e. no answer is given by the candidate; there will be no penalty for that question.
10. (a) Qualifying marks in Written Examination (MCQ base):-

Category	Cut-off marks
UR	35 (thirty five)
ST, ST (Differently abled) & ST (Ex-Service man)	30 (thirty)
UR (Differently abled) & UR (Ex-Service man)	
SC, SC (Differently abled) & SC (Ex-Service man)	

N.B:- In case any difficulty arises while applying cut-off marks for any Examination, the Commission after due consideration of facts and circumstances may make change (before Interview/Personality Test) in the cut-off marks, after recording reason in details for doing so.

Part-B

Interview/Personality Test:- 10(ten) marks.

On the basis of result of Written Examination, subject to securing minimum qualifying marks candidates will be called for Interview/Personality Test as per the following ratio:-

Number of vacancies	Number of candidates to be called for Interview/Personality Test (Category wise)
1(one)	5(five) candidates
2(two)	8(eight) candidates
3(three) and above	3(three) times the number of vacancies

It is also mentioned here that candidates scoring marks equal to that of the last qualified candidate in the Written Examination shall also be called for Interview/Personality Test.

In the Interview/Personality Test, following parameters are to be judged:-

- (i) Knowledge in the concerned filed.
- (ii) Analytical power.
- (iii) Professional attitude.
- (iv) Communication skill.
- (v) General Knowledge & Current Affairs etc.
- (vi) Emotional attitude ethics.
- (vii) Knowledge of desirable qualification and its related communication (if any) will be judged in the interview.

Selection Procedure:

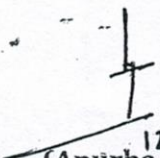
(a) Final selection is to be made in order of merit on the basis of the marks obtained by the candidates in aggregate adding the marks obtained in the Written Examination and the Interview/Personality Test. If a candidate remains absent in Interview/Personality Test, his/her candidature will not be considered for final selection.

(b) In the list of recommendation, merit position of candidates securing equal marks will be finalized as per their seniority of age.

Further provided that, in the list of recommendation, merit position of candidates securing equals marks in aggregate and also of the same age will be decided on the basis of percentage of marks obtained in the minimum educational qualification prescribed in the Recruitment Rules.

(c) The same procedure is to be followed for preparing waiting list (if there be any).

(d) Assessment and Evaluation of answer scripts approved by the Commission in any stage is final.


12.12.24
(Apurba Roy)
Secretary to the
Government of Tripura
Finance Department

Un-aided Syllabus for recruitment of System Analyst under Directorate of Treasuries & Accounts, Finance Department.

SCHEME OF WRITTEN EXAMINATION AND SYLLABUS

Time :- 2 Hours.

Subject	No. of Question	Marks
Computer Science and Information Technology	90 MCQ pattern questions carrying 1 mark each.	90
Total		90

Syllabus for Computer Science and Information Technology:

1. Computer Fundamentals & Organization:

Basics of Computer, Digital logic, Machine instructions and addressing modes, ALU and data-path, CPU control design, Memory interface, I/O interface (Interrupt and DMA mode), Instruction pipelining, Cache and main memory, Secondary storage.

2. Data Structure:

Array, Stack, Queue, Linked List, Recursion, Sorting methods, Tree, Graphs and Indexing and file organization.

3. Programming Methodology:

Problem Solving Concepts, Introduction to programming, Use of high-level programming language for the systematic development of programs, General features of Programming Language, Fundamentals of Object-Oriented Design, Object-Oriented Design methods and Frameworks, Object-Oriented Life Cycle Models, Object-Oriented Analysis (OOA), Object-Oriented Design (OOD), Object-Oriented Testing, Metrics for Object-Oriented Systems. OMT Methodology and Basic C, C# programming.

4. Algorithms:

Analysis, Asymptotic notation, Notions of space and time complexity, Worst and average case analysis; Design: Greedy approach, Dynamic Programming, Divide-and-Conquer; Tree and Graph traversals, connected components, spanning trees, shortest paths; Hashing, Sorting, Searching. Asymptotic Analysis (best, worst, average cases) of time and space, upper and lower bounds, Basic concepts of complexity classes - P, NP, NP-hard, M-complete.

5. Data Communication and Computer Network:

Networking basics, Fundamentals of Data Communication, Types of Network, Components of Network, Switching, Network Architecture, Network Layers, Network Protocols and Network Security.

6. Operating System:


Processes, Threads, Inter-process communication, Concurrency, Synchronization, Deadlock, CPU scheduling, Memory management and Virtual Memory, File systems, VO systems, Protection and security.

7. Database Management System (DBMS):

ER-model, Relational model (relational algebra, tuple calculus), Database design (integrity constraints, normal forms), Query languages (SQL), File structures (sequential files, indexing, B and B+ trees), Transactions and concurrency control.

8. Software Engineering & System Analysis and Design:

Information gathering, Requirement and Feasibility Analysis, Data Flow Diagrams, process specifications, Input/Output Design, process life cycle, planning and managing the project, design, coding, testing, implementation, maintenance.


 (N. C. Majumdar)
 Deputy Secretary to the
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9. Computer Security & Cryptography:

Basic Cryptography, Secret Key Cryptosystem, Data integrity, Public-Key Cryptography and hash function, Authentication protocols and Digital Signature schemes.

10. Internet, Web Technology:

Concept of internet, IP Routings and subnetting, Internet Application Layer, web security. Web design basics, Web-enabled Databases, Hypermedia, Cluster, Grid and Cloud Computing, Multi-thread models, web server, web browsers, web services, distributed object models.

11. Theory of Computation:

Regular languages and Finite Automata, Context Free Languages and Push-Down Automata, Recursively enumerable sets and Turing Machines.


8.7.125
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