



SECURITIES AND EXCHANGE BOARD OF INDIA

INFORMATION HANDOUT

Paper 2 of Phase II of Information Technology Stream

This handout contains details about various aspects of the online programming test i.e Paper 2 of Phase II of Information Technology Stream that you are going to undertake and important instructions about the related matters. You are advised to read the handout carefully as it will help you in preparing for the examination.

The candidates should reach the venue at least 60 minutes before the start of the exam.

1. Total duration of the programming test shall be **Three hours and 30 minutes** i.e **30 minutes of reading time** for candidates to read the questions **at the start** of the examination, **during which typing on “Parikshak” shall be blocked** and 3 Hours for solving the questions on “Parikshak” .
2. The programming test will comprise of nine (9) questions of different complexity as mentioned below:

Complexity Type	Questions needs to be solved	Maximum Marks per Question
Simple	3 out of 4	10
Medium	2 out of 3	20
High	1 out of 2	30

The maximum marks for each complexity type is as mentioned below:

Complexity Type	Maximum Marks
Simple	30
Medium	40
High	30
Total Maximum Marks for Paper 2 i.e programming test	100

Please note:

- There shall be 4 questions of Simple complexity from which candidates needs to solve any 3 questions.
- There shall be 3 questions of Medium complexity from which candidates needs to solve any 2 questions.
- There shall be 2 questions of High complexity from which candidates needs to solve any 1 question.

In case any candidates solves more than the required no. of questions for any complexity type, while evaluation, questions where the candidate is getting lowest marks shall not be considered.

Example: In case a candidate solves all 4 questions related to Simple Complexity type and during evaluation, the maximum marks obtained by the candidate is 10, 6, 8 & 8 for those problems, the question where the marks obtained by the candidate is lowest i.e 6 marks shall not be considered and the candidate shall be awarded a total of 26 marks (10+8+8) out of maximum 30 marks for Simple Complexity type.

3. The program for any of the questions can be submitted to the system (“Submit to Grader”) any number of times during the duration of the examination.
4. Questions can be solved in any order. However, it is recommended to solve in the increasing order of complexity. Further, in case candidates starts a particular questions and is facing difficulty to solve the same, he/she can select another question and start solving the same.

Candidates shall be able to attempt the unsolved attempted question later during the remaining duration of the examination.

5. **After entering the exam in the Parikshak environment, do not close your test by clicking the “Close Test” button at the bottom unless you are sure to exit the exam. If you exit by closing your test you will not be allowed to enter again.**
6. Programming languages that can be used to solve questions are as follows:

For SEBI’s exam, Parikhak allows only the following 3 programming languages and versions as mentioned below:

Language	Version
C++ (GCC)	9.3
Java	1.8
Python	3.5

7. There is no restriction on using the default libraries provided by programming languages, except for a few malicious functions, the system will prompt you when you try to use those functions.
8. After writing a program for any question and submitting it to the grader, the system will compile, and if compilation is successful then test the program against system inputs (test cases). There may be multiple system test cases for each question (minimum of 5 test cases shall be there). If the program's output for any test case is as expected then the system will show output as "Y" else "X" shall be shown as output.
9. **For any question, if you get two or more "Y" for the test cases, your submitted code shall be considered for evaluation and based upon the number of "Y" you will be assigned marks proportionally** (For example, if you get three "Y" for 6 test cases, you will get $\frac{1}{2}$ of the maximum marks assigned for that question. If you get one "Y" then you will get 0 marks. If you get 4 "Y" for 6 test cases then you will get $\frac{2}{3}$ of the maximum marks assigned for that question. If you get 6 "Y" for 6 test cases then you will get the maximum marks assigned for that question.).
10. For any question, if you have multiple submissions to the grader, then the attempt having a maximum number of "Y" would be considered for evaluation.
11. **Once you are satisfied with your submitted programs and you want to exit the exam then you can do so by clicking the "Close Test" button. However, you will not be allowed to leave the examination hall before the completion of the exam duration.**
12. After the expiry of duration of the exam, the program(s) would be saved automatically by the computer system even if the candidate has not clicked the "Close Test" button.
13. **Candidates are advised to refer to the attached Parikshak manual for more details about the programming environment.**

Disclaimer: Parikshak program grading is purely input/output based. SEBI/test conducting body reserves the right to manually examine the submitted code against malpractices and reported errors related to problem specifications. When there is adequate ground, SEBI/test conducting body may override Parikshak's verdict by granting/denying credit.

General Instructions:

1. Please note the date, Reporting time, and venue address of the examination given in the call letter.
2. You may visit the venue one day before the Online Examination to confirm the location so that you can report **on time** (as printed on the call letter) on the day of the examination. Latecomers will not be allowed.
3. The call letter should be brought with you to the examination venue along with your recent passport-size photograph duly pasted on it. (Preferably the same photograph as was as uploaded).
4. You must scrupulously follow the instructions of the Test Administrator and SEBI Representative at the examination venue. If you violate the instructions you will be disqualified and will be asked to leave the examination venue.
5. No use of calculators (separate or with a watch), books, notebooks or written notes, or any other electronic device will be allowed during the examination. **After AarogyaSetu status is displayed at the entry gate, candidates will be required to switch off their mobile phones, and deposit it at the designated location, to be collected while exiting.**
6. Please bring the call letter with your photograph affixed thereon, currently valid Photo identity proof in original and a photocopy of the same ID proof which you bring in original - THIS IS ESSENTIAL. **The call letter along with a photocopy of photo identity proof duly stapled together are to be submitted at the end of the exam by putting it in the designated drop-box.** Currently valid photo identity proof may be PAN Card/Passport/Permanent Driving Licence/Voter's Card with photograph/Bank Passbook with photograph/Photo Identity proof issued by a Gazetted Officer on official letterhead along with photograph/Photo Identity proof issued by a People's Representative on official letterhead along with the photograph/Valid recent Identity Card issued by a recognized College/University/Aadhaar Card/E-Aadhaar Card with a photograph/Employee ID in original/Bar Council Identity card with photograph. **Please Note - Ration Card and Learner's Driving License will not be accepted as valid ID proof for this purpose.** Please note that your name as appearing on the call letter (provided by you during the process of registration) should exactly match the name as appears on the photo identity proof. Female candidates who have changed first/last/middle name post marriage must take special note of this. If there is any mismatch between the name indicated in the Call Letter and Photo Identity Proof you will not be allowed to appear for the exam.
7. A candidate who is or has been declared by SEBI guilty of impersonation or of submitting fabricated document/s which have been tampered with or of making statements that are incorrect or false or of suppressing material information or otherwise resorting to any other irregular or improper means of obtaining

admission to examination or of using or attempting to use unfair means in the examination hall or misbehavior in the examination hall may be debarred permanently or for a specified period by SEBI from admission to any examination or appearance at any interview held by it for selection of the candidates. SEBI may take further action against such candidates as deemed fit by it.

8. Any candidate who is found copying or receiving or giving assistance or engaging in any behavior unbecoming of a candidate will not be considered for assessment. SEBI may take further action against such candidates as deemed fit by it.
9. The possibility of occurrence of some problem in the administration of the examination cannot be ruled out completely which may impact test delivery and/or result from being generated. In that event, every effort will be made to rectify such problems, which may include the movement of candidates, and delay in test. Conduct of a re-exam is at the absolute discretion of the test conducting body. Candidates will not have any claim for a re-test. Candidates not willing to move or not willing to participate in the delayed process of test delivery shall be summarily rejected from the process.
10. You will have to affix your signature and left thumb impression, in the space provided in the call letter, in the presence of the Invigilator. **Candidates must bring their own blue/black stamp pad for affixing thumb impressions.**
11. If the examination is held in more than one session for a post/stream, the scores across various sessions will be equated to adjust for slight differences in the difficulty level of different test batteries used across sessions. More than one session is required if the nodes' capacity is less or some technical disruption takes place at any center or for any candidate.
12. Anyone found to be disclosing, publishing, reproducing, transmitting, storing, or facilitating transmission and storage of test contents in any form or any information therein in whole or part thereof or by any means verbal or written, electronic or mechanical or taking away the papers supplied in the examination hall or found to be in unauthorised possession of test content is likely to be prosecuted.
13. Instances of providing incorrect information and/or process violation by a candidate detected at any stage of the selection, the process will lead to disqualification of the candidate from the selection process and he/she will not be allowed to appear in any recruitment process of the SEBI in the future. If such instances go undetected during the current selection process but are detected subsequently, such disqualification will take place with retrospective effect.

14. (i) The PwBD candidates, who want to use the facility of the scribe, MUST go through the detailed advertisement which is available on the SEBI website and carefully READ the instructions.

(ii) These candidates are also required to submit a Joint Undertaking/Declaration form (Scribe declaration form) that can be downloaded from the SEBI website.

SOCIAL DISTANCING MODE CONDUCT OF EXAM-RELATED INSTRUCTIONS

1. Candidate is required to report at the exam venue strictly as per the time slot mentioned in the Call Letter. It is expected that candidates strictly adhere to this time slot – as entry into the exam venue will be provided based upon the individual's time slot ONLY. Candidates should report at least 60 minutes before the Reporting time indicated on the call Letter.
2. Mapping of 'Candidate Roll Number and the Lab Number' will NOT be displayed outside the exam venue, but the same will be intimated to the candidates individually at the time of the entry of the candidate to the exam venue.
3. Items permitted into the venue for Candidates:
Candidates will be permitted to carry only certain items with them into the venue.
 - a. **Mask (WEARING A MASK is COMPULSORY)**
 - b. **Gloves**
 - c. **Personal transparent water bottle (Candidate should bring his / her water bottle)**
 - d. **Personal hand sanitizer (50 ml)**
 - e. **A simple pen and ink stamp pad**
 - f. **Exam-related documents (Call Letter and Photocopy of the ID card stapled with it, ID Card in Original.)**
 - g. **Call Letter should be brought with the Photocopy of the Photo ID stapled with it. Original ID (same as Photocopy) is also to be brought for verification. The name on the ID and the Call Letter should be the same.**
 - h. **In case of Scribe Candidates - Scribe form duly filled and signed with Photograph affixed.****No other Items are permitted inside the venue.**
4. Candidate should not share any of their personal belonging/material with anyone.
5. Candidate should maintain safe social distance with one another.
6. Candidate should stand in the row as per the instructions provided at venue.

7. If candidate is availing services of a scribe, then scribe also should bring their own Gloves, Mask, sanitizer (50ml) and transparent water bottle. Wearing a mask is compulsory. Both candidate and Scribe will require to be wearing Mask.
8. A Candidate must have AarogyaSetu App installed on his mobile phone. The AarogyaSetu status must show candidate's risk factor. A candidate will have to display this status to the Security Guard at the entry into the exam venue. In case a candidate does not have a smartphone, he/she will have to bring in a signed declaration to this effect (declaration is provided along with Call Letter) and show the same to the Security Guard at the entry into the exam venue. Candidates with Moderate or High Risk Status on AarogyaSetu App will not be allowed entry. In case any of the responses in declaration suggest COVID 19 infection/symptoms, the candidate will not be permitted inside the exam venue. (If candidate is availing services of a Scribe, then Scribe should also follow the same instructions.)
9. After AarogyaSetu status display at the entry gate, candidates will be required to switch off their mobile phones, and deposit it at the designated location, to be collected while exiting.
10. All candidates (and Scribe, if applicable) will be checked with Thermo guns at the entry point for temperature. In case, any person is observed to be having above normal temperature (> 99.14° F) or displaying any symptoms of the virus, they will not be allowed entry into the venue. Before entry to the examination centre, the centre officials may assess the health condition of the candidate. All candidates MUST adhere to the COVID related protocols in compliance with the orders and directives of Government of India and local directives. As per Govt. order, any candidate who is Covid-19 positive or has any other infectious disease, MUST NOT come out of home/hospital; and hence the entry for such candidate will be DENIED. Asymptomatic candidates, if any, who have a temperature higher than 99.14°F, will be taken to ISOLATION area for the examination. On the exam day, candidate must NOT have COVID symptoms, NOT in quarantine and was NOT in close contact with any COVID patient during the last fortnight.
11. Post Examination Control:-
 - On completion of the examination, the candidates should move out in an orderly manner without crowding as instructed by the venue staff.

WISH YOU GOOD LUCK