

STEEL AUTHORITY OF INDIA LTD.

CENTRE FOR ENGINEERING & TECHNOLOGY (SAIL-CET)

**ONLINE EXAMINATION FOR RECRUITMENT OF MANAGER (COAL, COKE & CHEMICAL),
MANAGER (CIVIL & STRUCTURAL), MANAGER (PROCESS, CONTROL & AUTOMATION),
MANAGER (ELECTRICAL), MANAGER (MECHANICAL/U&S),
MANAGER (TECHNOLOGY-IRON & SINTER/STEEL/ROLLING MILLS)**

INFORMATION HANDOUT

This handout contains details pertaining to various aspects of the online exam you are going to undertake and important instructions about related matters. You are advised to study the handout carefully as it will help you in preparing for the examination.

The online examination will comprise the following objective type multiple choice test as stated below :

Structure of the test

Sr. No.	Name of the tests	Number of Questions	Maximum Marks	Version	Duration
1	Technical Knowledge: Knowledge of the Subject/ Discipline/Trade	70	70	Bilingual i.e. Hindi & English	120 Minutes
2	General Aptitude / Awareness Test				
(i)	General Knowledge	10	10		
(ii)	General English	10	10		
(iii)	Verbal/Non-Verbal Reasoning	10	10		
	TOTAL	100	100		120 Minutes

The time for the exam is 120 minutes; however you may have to be at the venue for approximately 180 minutes including the time required for logging in, collection of the Call letters, going through the instructions etc. Test is compositely timed. Test will be provided in English and Hindi. You can attempt any question during the given time of 120 minutes. All the questions will have multiple choices. Out of the five answers to a question only one will be the correct answer. **You have to select the most appropriate answer and 'mouse click' that alternative which you feel is appropriate/ correct. The alternative/option that you have clicked on will be treated as your answer to that question. There will be no penalty for wrong answers marked by you. However, you are advised, not to mark answers by random guessing.**

The Scores of Online Examination will be obtained by adopting the following procedure:

- (i) Number of questions answered correctly by a candidate in objective test is considered for arriving at the total Score.
- (ii) Scores on total is reported with decimal points upto two digits.
- (iii) Cut-offs will be applied on Total Score of objective tests as follows:-

Note : Candidates will have to qualify by scoring minimum 50 percentile score for unreserved posts and 40 percentile score for posts reserved for SC/ST/OBC (NCL)/PWD. PWD/ESM candidates have to qualify in their respective caste/category. Candidates will be shortlisted for interview in order of merit, at the ratio of 1:3.

For final selection, merit list will be drawn by combining the marks of CBT and Interview with the weightage of 80:20 respectively.

Please note that the types of questions in this handout are only illustrative and not exhaustive. In the actual examination you will find questions of a higher difficulty level on some or all of these types and also questions on the types not mentioned here.

TECHHNICAL KNOWLEDGE

Questions in this test will be based on the area of specialization in the respective subject/discipline/trade.

GENERAL APTITUDE TEST

General Awareness / Knowledge

Q.1-5. Read the information given below and answer the questions.

Six plays A, B, C, D, E and F of a famous playwright are to be staged one on each day from Monday to Saturday. The schedule of the plays is to be in accordance with the following.

- (1) A must be on the previous day of the day on which E is staged.
- (2) C must not be staged on Tuesday.
- (3) B must be on a day which follows the day on which F is staged.
- (4) D must be staged on Friday only and should not be immediately preceded by B.
- (5) E must not be staged on the last day of the schedule.

Q.1. Which of the following is the schedule of plays, with the order of their staging from Monday ?

- (1) E A B F D C (2) A F B E D C (3) A F B C D E
- (4) F A B E D C (5) Other than those given as options

Q.2. Play C cannot definitely be staged on which of the following days in addition to Tuesday ?

- (1) Monday (2) Wednesday (3) Thursday (4) Friday (5) Saturday

Q.3. Play D is between which of the following pairs of plays ?

- (1) C and E (2) E and F (3) A and E (4) B and E (5) C and F

Q.4. Which of the following plays is on Monday ?

- (1) E (2) A (3) F (4) B (5) C

Q.5. Which of the following plays immediately follows B ?

- (1) F (2) E (3) D (4) C (5) A

Q.6. 'Mandi House' is _____

- (1) Prime Ministers' Residence
- (2) a prize winning film directed by Shyam Benegal
- (3) the office of the Director General of Doordarshan
- (4) the head office of the Ministry of Commerce
- (5) the place where the Central Production Centre of Doordarshan is located.

Q.7. Vishwanathan Anand is associated with which of the following games ?

- (1) Badminton (2) Golf (3) Chess (4) Billiards (5) Basket Ball

Q.8. The famous Gomateshwar idol is in which of the following states ?

- (1) Maharashtra (2) Madhya Pradesh (3) Uttar Pradesh (4) Orissa (5) Karnataka

Q.9. The famous Ayodhya temple is located on the bank of the river _____

- (1) Ganga (2) Godavari (3) Sarayu (4) Ban Ganga (5) Narmada

Q.10. 'Dashdwar se Sopan Tak' is written by _____

- (1) Mohan Rakesh (2) Harivansharai Bachchan (3) Jagdish Chandra Mathur
- (4) Dharmaveer Bharati (5) None of these

Q.11. 'OSCAR AWARDS' are given for best performance in which of the following fields ?

- (1) Literature (2) Science & Technology (3) Motion picture (4) Sports (5) Social Service

Q.12. The Unit for measuring intensity of 'Noise' is called _____

- (1) Knot (2) Calorie (3) Ohm (4) Joule (5) Decibel

Q.13. In India, 'Children's Day' is celebrated on the birthday of _____

- (1) Mahatma Gandhi (2) Jawaharlal Nehru (3) Indira Gandhi
- (4) Radhakrishnan (5) Lal Bahadur Shastri

GENERAL ENGLISH

Q.1. He quickly glanced the book to find what it said about the Indian economy.

- (1) at (2) through (3) in (4) to (5) over

The correct answer is "through" which is answer No. 2.

Q.2. The counsel urged the court to down the obnoxious law.
(1) enact (2) enforce (3) cancel (4) strike (5) declare

Q.3. The local official the Minister of the situation.
(1) explained (2) warned (3) apprised (4) told (5) intimated

Directions : Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The number of that part of the sentence is your answer. If there is no error, the answer is (5).

Q.4. I am twenty / two years old / when I first / joined the bank. No error
(1) (2) (3) (4) (5)

The error is in (1). Therefore the answer is '1'.

Q.5. To the Hindus / the Ganga is / holier than / any other river. No error
(1) (2) (3) (4) (5)

In this question, there is no error; therefore the right answer to this question is '5'.

Q.6. Of all the teachers / in our school / our class teacher / were very strict. No error
(1) (2) (3) (4) (5)

Directions : In each of the following questions, select from amongst the five alternatives, the word nearest in meaning to the word given in capitals.

Q.7. LETHAL
(1) light (2) dangerous (3) deadly (4) cruel (5) thoughtless

Q.8. CENTENARY
(1) a guard (2) a hundred years (3) a very old man
(4) hundred runs (5) hundredth anniversary

Q.9. TRIUMPH
(1) conquer (2) smash (3) earn (4) brave (5) capture

Directions : In each of the following questions, select from amongst the five alternatives, the word most opposite in meaning of the word given in capitals.

Q.10. LIVELY
(1) simple (2) weak (3) dull (4) angry (5) moron

Q.11. INADVERTENT
(1) adequate (2) available (3) sluggish (4) negligent (5) intentional

Q.12. INEPT
(1) accurate (2) skilful (3) sensible (4) artistic (5) apt

VERBAL/NON-VERBAL REASONING

Q.1. 'Some leaders are dishonest. Satyapriya is a leader.' Which of the following inferences definitely follows from these statements ?

- (1) Satyapriya is honest (2) Satyapriya is dishonest
(3) Some leaders are honest (4) Leaders are generally dishonest
(5) Satyapriya is sometimes dishonest

Q.2. If 'A " B' means 'add B to A', 'A ' B' means 'subtract B from A', 'A # B' means 'divide A by B' and 'A ⊗ B' means 'multiply A by B'; which of the following gives the average sales of two days where S₁ and S₂ are the sales of the first and the second day respectively ?

- (1) (S₁ ' S₂) # 2 (2) 2 # (S₁ " S₂) (3) (S₁ " S₂ # 2)
(4) (S₁ ⊗ S₂) # (S₁ " S₂) (5) Other than those given as options

Q.3. Every person above eighteen years of age who is registered as a voter, can vote. To find out whether Madhu, who was born twenty years ago, can vote, which of the following further information is needed ?

- (I) Madhu's date of birth (II) Whether Madhu is registered as a voter
(1) Only I (2) Only II (3) Either I or II (4) Neither I nor II (5) Both I and II

(A) Details of the On-line Examination Pattern:

- (1) The examination would be conducted online i.e. on a computer.

- (2) The test will be provided in bilingual i.e. English and Hindi except for the General English test.
- (3) All the questions will have multiple choices. Out of the five answers to a question only one will be the correct answer. **The candidate has to select the most appropriate answer and ‘mouse click’ that alternative which he/ she feels is appropriate/ correct. The alternative/ option that is clicked on will be treated as the answer to that question. Answer to any question will be considered for final evaluation, only when candidates have submitted the answers by clicking on “Save & Next” or “Mark for Review & Next”.**
- (4) The clock has been set at the server and the countdown timer at the top right corner of your screen will display the time remaining for you to complete the test. When the clock runs out the exam ends by default - you are not required to end or submit your exam.
- (5) The Question Palette displayed on the right side of screen will show the status of each question using one of the following symbols:



You have not visited the question yet.



You have not answered the question.



You have answered the question.



You have NOT answered the question, but have marked the question for review.



The question(s) "Answered and Marked for Review" will be considered for evaluation.

The Marked for Review status for a question simply indicates that you would like to look at that question again. *If a question is answered and Marked for Review, your answer for that question will be considered in the final evaluation.*

- (6) To select a question to answer, you can do one of the following :
 - (a) Click on the question number on the question palette at the right of your screen to go to that numbered question directly. Note that using this option **does NOT save your answer** to the current question.
 - (b) Click on **‘Save & Next’** to save answer to current question and to go to the next question in sequence.
 - (c) Click on **‘Mark for Review and Next’** to save answer to current question, mark it for review, and to go to the next question in sequence.
- (7) To select your answer, click on one of the option buttons.
- (8) To change your answer, click another desired option button.
- (9) To save your answer, you **MUST** click on **Save & Next**.
- (10) To deselect a chosen answer, click on the chosen option again or click on the **Clear Response** button.
- (11) To mark a question for review click on **Mark for Review & Next**. *If an answer is selected for a question that is Marked for Review, the answer will be considered in the final evaluation.*
- (12) To change an answer to a question, first select the question and then click on the new answer option followed by a click on the **Save & Next** button.
- (13) Questions that are saved or marked for review after answering will ONLY be considered for evaluation.**
- (14) The candidates are requested to follow the instructions of the “Test Administrator” carefully. If any candidate does not follow the instructions / rules, it would be treated as a case of misconduct/ adoption of unfair means and such a candidate would be liable for debarment from appearing for examinations for a period as decided by Steel Authority of India Ltd.
- (15) The candidates may ask the Test Administrator about their doubts or questions only before the commencement of the test. No query shall be entertained after the commencement of the examination.
- (16) Tests are compositely timed. You can attempt any question within the duration of 120 minutes.
- (17) After the expiry of test duration, the candidates will not be able to attempt any question or check their answers for respective test.
- (18) Please note :**

- (a) Candidates will not be allowed to “finally submit” unless they have exhausted the actual test time.
- (b) Under no circumstances should a candidate click on any of the ‘keyboard keys’ once the exam starts as this will lock the exam.

(B) General Instructions:

- (1) Please note 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 are able to report **on time** (as printed on the call letter) on the day of the examination. Late comers will not be allowed to appear for the examination.
- (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 uploaded).
- (4) You must scrupulously follow the instructions of the Test Administrator and SAIL-CET 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 mobile phone, calculators (separate or with watch), books, note books or written notes or any other electronic device will be allowed during the examination.
- (6) Biometric data (thumb impression) and photograph will be captured before the start of examination at the examination venue. Decision of the Biometric data verification authority with regard to its status (matched or mismatched) shall be final and binding upon the candidates. **Refusal to participate in the process of biometric data capturing / verification on any occasion may lead to cancellation of candidature.** With regards to the same, please note the following :
 - (a) If fingers are coated (stamped ink/mehndi/coloured...etc), ensure to thoroughly wash them so that coating is completely removed before the examination day.
 - (b) If fingers are dirty or dusty, ensure to wash them and dry them before the thumb impression (biometric) is captured.
 - (c) Ensure fingers of both hands are dry. If fingers are moist, wipe each finger to dry them.
 - (d) If the primary finger (thumb) to be captured is injured/damaged, immediately notify the concerned authority in the test centre.(Any failure to observe these points will result in non-admittance for the examination).
- (7) 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.
- (8) 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 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 appearing 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.
- (9) Your responses (answers) will be analysed with other candidates to detect patterns of similarity of right and wrong answers. If in the analytical procedure adopted in this regard, it is inferred/concluded that the responses have been shared and scores obtained are not genuine/valid, your candidature may be cancelled. Any candidate who is found copying or receiving or giving assistance or engaging in any behaviour unbecoming of a candidate will not be considered for assessment. SAIL, CET may take further action against such candidates as deemed fit by it.
- (10) You must bring a ball point pen with you. You may bring your own ink stamp pad (blue/black). A sheet of paper will be provided which can be used for rough work or taking down the question number you would like to review at the end of the test before submitting your answers. After the test is over, you **MUST** hand over this sheet of paper along with the Call Letter and photocopy of photo identity proof to the Test Administrator before leaving the venue.

- (11) 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 movement of candidates, delay in test. The 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.
- (12) The scores across various sessions will be equated to adjust for slight differences in 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 centre or for any candidate.
- (13) Candidates short-listed on the basis of online test will be intimated to appear for interview in due course and same will be published on the SAIL website www.sail.co.in at the link "Careers".
- (14) 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.
- (15) Instances for providing incorrect information and/or process violation by a candidate detected at any stage of the selection, process will lead to disqualification of the candidate from the selection process and he/she will not be allowed to appear in any SAIL-CET recruitment process 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.
- (16) SAIL, CET reserves the right to postpone/cancel the Online Test or alter the date/time/Venue of the test at its discretion.
- (17) Please read instructions related to Social Distancing given on the next page.

INSTRUCTIONS WITH REGARD TO SOCIAL DISTANCING

- 1 Candidate is required to report at the exam venue strictly as per the time slot mentioned in the Call Letter. Late comers will not be allowed to take the test.
- 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 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**
 - b. **Personal hand sanitizer (50 ml)**
 - c. **A simple pen and ink stamp pad (blue/black)**
 - d. **Exam related documents Exam related documents (Call Letter and Photocopy of the ID card stapled with it, ID Card in Original)**
 - e. **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 Mask.
- 8 On completion of examination, the candidates should move out in an orderly manner without crowding as instructed by the venue staff.