



STEEL AUTHORITY OF INDIA LIMITED
IISCO STEEL PLANT
BURNPUR – 713325. Dist.-Paschim Bardhaman
West Bengal

ADMIT CARD FOR ONLINE EXAMINATION FOR :

**ASSISTANT MANAGER (BOILER OPERATION ENGINEER), (E-1),
MANAGER (E-3) – MECHANICAL, CHEMICAL, CERAMICS, METALLURGY**

MEDICAL OFFICER (E-1)

**ATTENDANT-CUM-TECHNICIAN (TRAINEE) (S-1) - ELECTRICIAN, FITTER,
TURNER, WELDER, HEAVY VEHICLE OPERATOR**

ATTENDANT-CUM-TECHNICIAN (BOILER OPERATION)

**OPERATOR-CUM-TECHNICIAN (TRAINEE) (S-3) - MECHANICAL, ELECTRICAL,
METALLURGY, CHEMICAL, INSTRUMENTATION, CIVIL, CERAMICS**

OPERATOR-CUM-TECHNICIAN (BOILER OPERATION)

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 on-line examination will comprise the following objective type multiple choice tests as stated below :

**Structure of the test for Operator-cum-Technician Trainee,
Attendant-cum-Technician Trainee, OCT (B.O.) & ACT (B.O.)**

Sr. No.	Name of the Test	No. of Qs.	Max. Marks	Version	Duration
1	General English	15	15	Bilingual i.e. Hindi and English	120 Minutes
2	General Knowledge	15	15		
3	Reasoning	15	15		
4	Simple Mathematics	15	15		
5	Subject (Domain Knowledge)	40	40		
	Total	100	100		120 Minutes

Structure of the test for Asstt. Manager (Boiler Operation Engineer) and Manager (E-3)

Sr. No.	Name of the Test	No. of Qs.	Max. Marks	Version	Duration
1	Reasoning Ability	10	10	Bilingual i.e. Hindi and English	120 Minutes
2	Quantitative Aptitude	10	10		
3	General Awareness	05	05		
4	Professional Knowledge	75	75		
	Total	100	100		120 Minutes

Structure of the test for Medical Officer (E-1)

Sr. No.	Name of the Test	No. of Qs.	Max. Marks	Version	Duration
1	Professional Knowledge	75	100	Bilingual i.e. Hindi and English	120 Minutes

The total time for the test 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 Admit Cards, going through the instructions etc. All tests except test of General English will be provided in English and Hindi. You can attempt any question at any point of time within these 120 minutes. All the questions will have multiple choices. Out of the four 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 penalty for wrong answers marked by you. For every wrong answer marked by you, 1/4th of the marks assigned to that question will be deducted as penalty.**

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

- (i) Number of questions answered correctly by a candidate in each objective test is considered.
- (ii) The Scores so obtained by a candidate are made equivalent to take care of the minor difference in difficulty level, if any, in each of the objective tests held in different sessions to arrive at the Equated Scores*,

*Scores obtained by candidates on any test are equated to the base form by considering the distribution of scores of all the forms.

- (iii) Testwise scores and scores on total is reported with decimal points upto two digits.

Note : Cutoffs may be applied in two stages :

- (i) On scores in individual objective tests
- (ii) On Total Score of objective tests

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.

Some sample questions are given below.

SAMPLE QUESTIONS GENERAL ENGLISH

This is a test to see how well you know English. Your English language ability would be tested through questions on grammar, vocabulary, sentence completion, synonyms, antonyms, comprehension of a passage, etc. Study and answer the sample questions given below :

Q.1-3. Directions : Pick out the most appropriate word from amongst the words given below each sentence to complete it meaningfully.

- Q.1.** He quickly glanced the book to find what it said about the Indian economy.
(1) at (2) through (3) in (4) to
- Q.2.** The counsel urged the court to down the obnoxious law.
(1) enact (2) enforce (3) cancel (4) strike
- Q.3.** The local official the Minister of the situation.
(1) explained (2) warned (3) apprised (4) told

Q.4-6. 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 No error

- Q.4.** I am twenty two years old / when I first / joined the bank. No error
(1) (2) (3) (4)
- Q.5.** To the Hindus / the Ganga is holier than / any other river. No error
(1) (2) (3) (4)
- Q.6.** Of all the teachers / in our school / our class teacher were very strict. No error
(1) (2) (3) (4)

GENERAL KNOWLEDGE

- Q.1.** In which of the following states is the number of people living below poverty line the maximum ?
(1) Bihar (2) Andhra Pradesh (3) Uttar Pradesh (4) Orissa
- Q.2.** OSCAR awards are given for best performance in which of the following field ?
(1) Films (2) Literature (3) Sports (4) Science

- Q.3.** Which of the following sectors contributes maximum in deciding the growth in income of the states in India ?
 (1) Energy (2) Transport and Tourism (3) Service (4) Agriculture
- Q.4.** Who is the person closely associated with operation flood programmes and was honoured by Padma Vibhushan recently ?
 (1) Dr. V. Kurien (2) Dr. M. S. Swaminathan (3) Dr. Amartya Sen (4) Dr. A. P. J. Abdul Kalam
- Q.5.** R. K. Laxman is famous for _____
 (1) Painting (2) Cartoons (3) Screenplay Writing (4) Film Direction
- Q.6.** "Kumbh-Mela" is held in our country after every _____
 (1) 6 years (2) 10 years (3) 14 years (4) Other than those given as options

REASONING / REASONING ABILITY

- Q.1.** The town of Paranda is located on Green lake. The town of Akram is West of Paranda. Tokhada is East of Akram but West of Paranda. Kakran is East of Bopri but West of Tokhada and Akram. If they are all in the same district, which town is the farthest West ?
 (1) Paranda (2) Kakran (3) Akram (4) Other than those given as options
- Q.2.** In a row of girls, if Seeta who is 10th from the left and Lina who is 9th from the right interchange their seats, Seeta becomes 15th from the left. How many girls are there in the row ?
 (1) 16 (2) 18 (3) 19 (4) Other than those given as options
- Q.3.** If the letters in the word TOPS can be rearranged to form a meaningful word beginning with O, the last letter of that word is your answer. If more than one such word can be formed, M is the answer and if no such word can be formed, X is the answer.
 (1) T (2) M (3) X (4) Other than those given as options

SIMPLE MATHEMATICS

This test is designed to measure how fast and accurate you are in dealing with numbers, viz. computation.

Q.1-3. Directions : In each of the following questions, you have to find out what will come in place of the question mark (?).

- Q.1.** $42 + 73 + 137 = ?$
 (1) 352 (2) 252 (3) 242 (4) 142
- Q.2.** $20 \times \frac{1}{2} = ?$
 (1) 4 (2) 5 (3) 20 (4) Other than those given as options
- Q.3.** $0.7 \times 0.5 = ?$
 (1) 35 (2) 0.35 (3) 0.0035 (4) 0.035
- Q.4.** At 10 paise each, how many paise will 6 lemons cost ?
 (1) 6 (2) 10 (3) 60 (4) 610
- Q.5.** Which of the following can be exact multiple of 4 ?
 (1) 27114 (2) 58204 (3) 48402 (4) 32286
- Q.6.** The interest on a certain deposit at 9% per annum is Rs.405 in one year. How much will be the additional interest in one year on the same deposit at 10% per annum ?
 (1) Rs. 40.50 (2) Rs. 450 (3) Rs. 855 (4) Rs.45

QUANTITATIVE APTITUDE

This test is designed to measure how fast and accurate you are in dealing with numbers, viz. computation, quantitative reasoning, interpretation of tables and graphs.

Directions : In each of the following questions one number is missing. The place where the number is missing is shown by a question mark (?). You have to find out which one of the answers shown against 1, 2, 3 and 4 can replace the question mark. If none of these four can replace the question mark, you will indicate (4) i.e. 'Other than those given as options' as your answer.

- Q.1.** Sohanlal purchased 120 reams of paper at Rs.100 per ream. The expenditure on transport was Rs.480. He had to pay an octroi duty of 50 paise per ream and the coolie charges were Rs.60. What should be the selling price of each ream if he wants a profit of 20% ?
 (1) Rs.126 (2) Rs.115.50 (3) Rs.105 (4) Other than those given as options

Q.2-4. Directions : Given below is a table showing percentages out of a total of 700 employees ranking six attributes that help promotion. Rank I is the highest. Study the table carefully and answer questions that follow :

Attribute	% of Employees Giving Different Ranks					
	I	II	III	IV	V	VI
Seniority	32	17	22	19	5	5
Perseverance	14	19	17	9	27	14
Efficiency	15	19	21	14	14	17
Intelligence	10	14	10	14	17	35
Honesty	24	17	7	9	27	16
Sociability	5	14	23	35	10	13

- Q.2.** Which attribute for promotion has received the highest rank ?
 (1) Perseverance (2) Seniority (3) Honesty (4) Other than those given as options
- Q.3.** How many employees gave rank III to intelligence ?
 (1) 119 (2) 98 (3) 77 (4) Other than those given as options
- Q.4.** Which attribute is considered the least important for Promotion ?
 (1) Honesty (2) Intelligence (3) Perseverance (4) Other than those given as options
- Q.5.** $\frac{24}{65} \times \frac{13}{56} \times \frac{5}{7} = ?$
 (1) $\frac{3}{49}$ (2) $\frac{15}{245}$ (3) $\frac{3}{77}$ (4) Other than those given as options

GENERAL AWARENESS

- Q.1.** Union Agriculture Minister Launched NOWCAST. What kind of service does NOWCAST provide?
 (1) Financial news (2) Maps (3) Insurance (4) Weather alert
- Q.2.** Which of the following is the currency of Thailand ?
 (1) Baht (2) Balboa (3) Ruble (4) Renminbi
- Q.3.** Narora Nuclear Power Station is located in which of the following Indian States?
 (1) Bihar (2) Gujarat (3) Tamil Nadu (4) Uttar Pradesh
- Q.4.** Which of the following stands for I in IRDA ?
 (1) Indian (2) International (3) Insurance (4) Institute

SUBJECT (DOMAIN KNOWLEDGE) / PROFESSIONAL KNOWLEDGE

Questions in this test will be in the area of specialisation for the respective post.

(A) Details of the On-line Examination Pattern

- (1) The examination would be conducted on-line i.e. on a computer.
- (2) All tests except test of General English will be in English and Hindi.
- (3) All the questions will have multiple choices. Out of the four answers to a question only one will be the correct answer. **The candidate has to select the correct answer and 'mouse click' that alternative which he/she feels is 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 exam. 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 evaluation.*

- (6) To select a question to answer, you can do one of the following :
- 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.
 - Click on '**Save & Next**' to save answer to current question and to go to the next question in sequence.
 - 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) Test name(s) will be displayed on the top bar of the screen. Questions in a test can be viewed by clicking on the test name. The test you will view will be highlighted.
- (15) After clicking the **Save & Next** button on the last question for a test, you will automatically be taken to the first question of the (next) test.
- (16) You can move the mouse cursor over the test names to view the status of the questions for that test.
- (17) You can attempt any question at any point of time within these 120 minutes.
- (18) 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 IISCO Steel Plant.
- (19) 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.
- (20) After the expiry of the allotted time, the candidates will not be able to attempt any question or check their answers. The answers of the candidate would be saved automatically by the computer system even if he/ she has not clicked the "Submit" button.
- (21) Please note :**
- Candidates will not be allowed to "finally submit" unless they have exhausted the actual test time.**
 - 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 Admit Card.
- (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** on the day of the examination. Late comers will not be allowed.
- (3) The Admit Card should be brought with you to the examination venue along with your recent passport size photograph duly pasted on it.
- (4) You must scrupulously follow the instructions of the Test Administrator and IISCO Steel Plant 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 watch), books, note books or written notes, cell phones (with or without camera facility), or any other electronic device will be allowed during the examination.
- (6) Biometric data (thumb impression) and photograph will be captured at the examination venue before the start of examination. 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. Please hand over this call-letter alongwith photocopy of photo identity proof duly stapled together to the invigilator.** Currently valid photo identity proof may be PAN Card/Passport/Driving License/Voter's Card with photograph/ Bank Passbook with photograph/Photo Identity proof issued by a Gazetted Officer on official letterhead /Photo Identity proof issued by a People's Representative on official letterhead/Valid recent Identity Card issued by a recognised College/ University/Aadhar/E-Aadhar Card with a photograph/Employee ID/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 exam.** 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. In case of candidates who have changed their name will be allowed only if they produce Gazette notification/their marriage certificate/affidavit in original and a copy.
- (8) 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. IISCO Steel Plant may take further action against such candidates as deemed fit by it.
- (9) You must bring a ball-point pen with you. You are allowed to bring your own ink stamp pad (blue/black) with you. 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 to the Test Administrator before leaving the venue.
- (10) 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 problem, which may include movement of candidates, delay in test. Conduct of a re-exam is at the absolute discretion of 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. SAIL, ISP reserves the right to postpone/cancel the Online Test or alter the date/time/venue of the Online Test at its discretion.

- (11) If the examination is held in more than one session, 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 are required if the nodes capacity is less or some technical disruption takes place at any centre 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 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 IISCO Steel Plant 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.
- (14) Please read instructions related to Social Distancing given below.

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 (Call Letter and Photocopy of 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.**

WISH YOU GOOD LUCK