



STEEL AUTHORITY OF INDIA LIMITED

(A Maharatna Company of Government of India)

BOKARO STEEL PLANT

Bokaro Steel City 827001

INFORMATION HANDOUT FOR ONLINE RECRUITMENT EXAM

NON-EXECUTIVE CADRE

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 Non-Executive Cadres (Operator-cum-Technician – Trainee – (i) Mechanical (ii) Metallurgy (iii) Chemical (iv) Electrical (v) Instrumentation & Automation (vi) Civil (vii) Ceramics, Mining Foreman, Surveyor, Mining Mate, Attendant-cum-Technician -Trainee-HMV, Attendant-cum-Technician - Trainee-Electrician and Mining Sirdar

Sr. No.	Name of the Test	Number of Questions	Maximum Marks	Version	Duration
1	General English	10	10	Bilingual i.e. Hindi and English except for the test of General English	90 Minutes
2	General Knowledge	10	10		
3	Reasoning	15	15		
4	Mathematics	15	15		
5	Domain Knowledge	50	50		
	TOTAL	100	100		90 Minutes

The time for the exam is 90 minutes; however, you may have to be at the venue for approximately 150 minutes including the time required for logging in, collection of the Call letters, going through the instructions etc. All tests except General English will be provided in English and Hindi. All the objective questions will have multiple choices. You can attempt any question at any point of time within 90 minutes. Out of the five answers given to a question, only one will be the correct answer for objective test. **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:

- Number of questions answered correctly by a candidate in each objective test is considered for arriving at the Corrected Score after applying penalty for wrong answers.
- The Corrected 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.

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

Note : Cutoffs may be applied in two stages :

- On scores in individual objective tests
- 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

Q.1. Read each sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is '5'. (Ignore the errors of punctuation, if any).

Most of the third world / country are experiencing / the ethnic or communal problem /
(1) (2) (3)
in varying degrees. No error
(4) (5)

Q.2. Pick out from the words given below each sentence the word which would complete the sentence correctly and meaningfully.

Continuous unemployment has induced in the people a kind of _____ which is most depressing.
(1) laziness (2) encouragement (3) satisfaction (4) anger (5) awakening

Q.3-8. In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

The true (3) of rights is duty. If we all (4) our duties, rights will not be (5) to seek. If leaving duties unperformed we run (6) rights, they will (7) us like an elusive person. The more we pursue them, the farther (8) they fly.

Q.3. (1) end (2) source (3) joy (4) purpose (5) power

Q.4. (1) deny (2) devote (3) discharge (4) imagine (5) fulfill

Q.5. (1) far (2) close (3) easy (4) against (5) common

Q.6. (1) as (2) after (3) at (4) from (5) for

Q.7. (1) hold (2) grab (3) fight (4) escape (5) chase

Q.8. (1) off (2) can (3) did (4) could (5) towards

Q.9. Select from amongst the five alternatives, the word nearest in meaning to the word given in capitals.

ACCOMPLISHED
(1) Polished (2) Completed (3) Strong (4) Companion (5) attained

Q.10. Pick out the most appropriate phrase from amongst the phrases given below the sentence to complete is meaningfully.

eagerly _____ to this moment.
(1) look at (2) look down (3) look upon (4) look forward (5) look for

GENERAL KNOWLEDGE

Q.1. Tarapore atomic power plant is located in _____
(1) Bihar (2) Gujarat (3) Madhya Pradesh (4) Rajasthan (5) Other than those given as options

Q.2. The total number of commercial banks nationalised so far is _____
(1) 7 (2) 14 (3) 20 (4) 24 (5) Other than those given as options

Q.3. To combat the menace of money laundering, which of the following financial institutions has introduced the 'Know Your Customer' Scheme ?

(1) IDBI (2) RBI (3) NABARD (4) SIDBI (5) Other than those given as options

REASONING

This is a test to see how well you can think and also to judge your aptitude/ knowledge of working on computer. It contains questions of various kinds. Here are some sample questions.

Q.1-2. Directions : In each of the following questions, there are five letter groups or words in each question. Four of these letter groups or words are alike in some way, while one is different. Find the one which is different.

Q.1. (1) black (2) red (3) green (4) paint (5) yellow

Q.2. (1) BC (2) MN (3) PQ (4) XZ (5) ST

Q.3-4. Directions : In each of the following questions, there is a question mark in which only one of the five alternatives given under the question satisfies the same relationship as is found between the two terms to the left of the sign :: given in the question. Find the correct answer.

Q.3. Foot : man :: hoof : ?
(1) leg (2) dog (3) horse (4) boy (5) shoe

Q.4. Day : Night :: Kind : ?
(1) Dark (2) Bright (3) Cruel (4) Generous (5) Gratitude

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 (5) Other than those given as options

Q.2. $20 \times \frac{1}{2} = ?$
(1) 4 (2) 5 (3) 1 (4) 20 (5) Other than those given as options

Q.3. $0.7 \times 0.5 = ?$
(1) 35 (2) 0.35 (3) 0.0035 (4) 0.035 (5) Other than those given as options

Q.4. At 10 paise each, how many paise will 6 lemons cost ?
(1) 6 (2) 10 (3) 60 (4) 610 (5) Other than those given as options

Q.5. Which of the following can be exact multiple of 4 ?
(1) 27114 (2) 58204 (3) 48402 (4) 32286 (5) Other than those given as options

DOMAIN KNOWLEDGE

Questions in this test will be based on the area of Specialization as applicable for particular post e.g. Relevant diploma in Engineering stream; Knowledge of diploma in Mining Engineering & field experience of Foreman; Knowledge of diploma in Mining Engineering, Survey and field experience of survey; Knowledge of field experience of Mining Mate; Knowledge of HMT and its operation; Knowledge of ITI Electrician Stream; Knowledge of field experience of Mining Sirdar etc.

(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 General English test will be in English and Hindi.
- (3) All the objective type 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 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 at the right of screen shows one of the following statuses of each of the questions numbered:



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 simply acts as a reminder that you have set to look at the question again. *If an answer is selected for a question that is Marked for Review, the answer 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 Bokaro Steel Plant.
- (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) You can attempt any question at any point of time within 90 minutes.
- (17) 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.
- (18) Please note for Objective type paper :**
- (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.
- (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 Bokaro 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. 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/Permanent Driving Licence/Voter's Card with photograph/Bank Passbook with photograph/Photo Identity proof issued by a Gazetted Officer on official letterhead alongwith 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.
- (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. Bokaro 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 may bring your personal 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.
- (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.
- (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 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 recruitment process of the Bokaro Steel Plant 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. Latecomers 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 the ID card stapled with it, ID Card in Original)**
 - e. **In the 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 a 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!