



ON-LINE EXAMINATION - RECRUITMENT OF EXECUTIVE ENGINEER (TRANS)

INFORMATION HANDOUT

1. 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.
2. The on-line examination will comprise the following objective type multiple choice test as stated below:

Sr. No.	Name of Test	Number of Questions	Maximum Marks	Duration
1.	Test of Professional Knowledge	50	110	Composite Time of 120 minutes
2.	Test of General Aptitude :			
	Reasoning	40	20	
	Quantitative Aptitude	20	10	
3.	Marathi Language	20	10	
GRAND TOTAL		130	150	

3. The time for the test is 120 minutes; but may you have to be at the venue for approximately 180 minutes for performing the activities such as to show call letter, original photo id and its photocopy, to search seat, for logging in, going through the instructions etc. The tests will be provided in English except Test of Marathi Language. You can attempt any test/question at any point of time within 120 minutes. All the questions will have multiple choices. Out of the five options to a question, only one option will be a correct answer. **You have to select the most appropriate option and 'click mouse' on that alternative which you feel is appropriate/ correct answer. 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.**
4. **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.**
5. **Some sample questions are given below.**

Professional Knowledge

Questions in the Professional Knowledge Test will be based on the subject of specialisation.

General Aptitude

Reasoning

- 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) Tokhada (5) Bopri

Directions for questions number 2 to 4 :

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 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.2.** 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.3.** 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.4.** 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

Marathi Language

प्र.1-2. वाक्यातील रिकाम्या जागी दिलेल्या पर्यायांपैकी सर्वात योग्य शब्द निवडून वाक्य पूर्ण करा.

प्र.1. बाहेर उकाडा असला तरी खोलीत ----- जाणवत होता.

- (1) थंडावा (2) उष्मा (3) आल्हाद (4) एकोपा (5) शीत

प्र.2. “नाव सोनुबाई आणि हाती ----- वाळा”. ही मराठीतील एक परिचित म्हण आहे.

- (1) चांदीचा (2) सोन्याचा (3) लोखंडाचा (4) कथलाचा (5) पितळेचा

प्र.3-4. पुढे काही शब्द दिले आहेत. त्यांचा अर्थ सांगणारा एक शब्द दिलेल्या पर्यायातून निवडा.

प्र. 3. स्वतःच स्वतःची सर्व कामे करणारा.

- (1) स्वयंभू (2) स्वावलंबी (3) स्वयंचलित (4) स्वकष्टार्जित (5) स्वाध्यायी

प्र. 4. कोणतेही काम करू शकणारा.

- (1) बहुश्रुत (2) हुशार (3) चलाख (4) हरहुन्नरी (5) डोकेबाज

Quantitative Aptitude

Q.1.-3. 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 :

% of Employees Giving Different Ranks						
Attribute	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.1.** Which attribute for promotion has received the highest rank ?
 (1) Perseverance (2) Seniority (3) Honesty (4) Sociability (5) Efficiency
- Q.2.** How many employees gave rank III to intelligence ?
 (1) 119 (2) 98 (3) 77 (4) 70 (5) 10
- Q.3.** Which attribute is considered the least important for promotion ?
 (1) Honesty (2) Intelligence (3) Perseverance (4) Efficiency (5) Sociability

A) Details of the On-line Examination Pattern :

- (1) The examination would be conducted on-line i.e. on a computer.
- (2) The tests will be provided in English except Test of Marathi Language.
- (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 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.



You have answered the question but marked it for review.

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, it will ONLY be considered for evaluation after answering.**
- (14) Sections will be displayed on the top bar of the screen. Questions in a section can be viewed by clicking on the section name. The section you will view will be highlighted.
- (15) After clicking the **Save & Next** button on the last question for a section, you will automatically be taken to the first question of the next section.
- (16) You can move the mouse cursor over the section names to view the status of the questions for that section.
- (17) You can shuffle between sections and questions anytime during the examination as per your convenience.
- (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 MAHATRANSCO.
- (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 120 minutes, 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 :

- (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, 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.
- (4) You must scrupulously follow the instructions of the Test Administrator and MAHATRANSCO 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) Please bring the call letter with your recent passport size 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 handover the 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/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 Card/E-adhar 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.** 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.
- (7) 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. MAHATRANSCO may take further action against such candidates as deemed fit by it.
- (8) You should bring with you a ball-point pen. A sheet of paper will be provided to you 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.

- (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 resolve such problem, which may include movement of candidates, delay in test. The Company may conduct re-examination, if found necessary. The decision of the Company in this regard shall be final. The candidates not willing to accept such changes shall lose his/her candidature from this recruitment process.
- (10) 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.
- (11) 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.
- (12) 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 Mahatransco in the future. If such instances go undetected during the current selection process but are detected subsequently, such disqualification will take place with retrospective affect.

C] IMPORTANT POINTS TO REMEMBER

You are advised to bring with you the following:

- (i) Call letter with photo affixed thereon and photo ID card in **Original** and photocopy as mentioned in General Instructions point 6 above.
- (ii) One Ball point pen.

WISH YOU GOOD LUCK
