

Rashtriya Chemicals and Fertilizers Limited

(A Government of India Undertaking)
Administrative Building, Chembur, Mumbai- 400 074



ON-LINE EXAMINATION FOR RECRUITMENT OF JR. FIREMAN GRADE – II 2024

INFORMATION HANDOUT

This handout contains details pertaining to various aspects of the 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 for Test

Part	Sr. No.	Name of test	Number of questions	Maximum Marks	Duration	Version
I	1	General English	15	15	45 Minutes	English, Hindi and Marathi except for General English test
	2	Quantitative Aptitude	15	15		
	3	Reasoning Ability & General Knowledge/Awareness	10+10	20		
II	4	Professional Knowledge	50	100	45 Minutes	
Total			100	150	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 Admit Cards, going through the instructions etc. All test except General English will be provided in English, Hindi and Marathi. You can attempt any question during the time given for that sections. 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 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.

- Test wise scores and scores on total is reported with decimal points up to two digits.

Note: Cut-offs 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.1-3.** 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 (5) over
- 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
- Q.4-6.** 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)
- Q.5.** To the Hindus / the Ganga is / holier than / any other river. No error
 (1) (2) (3) (4) (5)
- Q.6.** Of all the teachers / in our school / our class teacher / were very strict. No error
 (1) (2) (3) (4) (5)

QUANTITATIVE APTITUDE

- Q.1.** 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
- Q.2.** 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) Rs. 120 (5) Other than those given as options
- Q.3-5.** Study the following table carefully and answer the questions given below —

Distribution of 1000 candidates as regards their marks in written examination out of 300 and interview out of 100 in a selection examination

Written Examination Marks	INTERVIEW MARKS					
	Below 30	30-39	40-49	50-59	60-69	70 & above
260 & above	8	18	26	18	26	4
210 to 259	5	4	30	22	10	9
160 to 209	16	10	45	56	18	9
110 to 159	28	42	100	190	15	5
60 to 109	35	115	20	8	7	5
Below 60	32	32	20	4	6	2

- Q.3.** How many candidates did obtain more than 69 percent marks and above in both written examination and interview ?
 (1) 22 (2) 49 (3) 13 (4) 9 (5) Other than those given as options
- Q.4.** If approximately 325 candidates were to be qualified in the written examination, what should be the percentage of the qualifying marks ?
 (1) above 20 (2) above 70 (3) above 36 (4) above 63 (5) Other than those given as options
- Q.5.** About 42 percent of the candidates fall in which of the following ranges of the interview marks ?
 (1) 110-159 (2) 110 & below (3) 50 to 70
 (4) 50 & above (5) Other than those given as options

REASONING ABILITY & GENERAL KNOWLEDGE/AWARENESS

- Q.1.** 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) P (3) M (4) S (5) X
- 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) 22 (5) Other than those given as options
- Q.3-5.** 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.3.** 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.4.** 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.5.** 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.6.** R. K. Laxman is famous for _____
(1) Painting (2) Cartoons (3) Screenplay Writing
(4) Film Direction (5) Other than those given as options
- Q.7.** OSCAR awards are given for best performance in which of the following field ?
(1) Films (2) Literature (3) Sports (4) Science (5) Social Service
- Q.8.** Which of the following stands for I in RBI ?
(1) India (2) International (3) Insurance (4) Income (5) Institute
- Q.9.** '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.10.** Vishwanathan Anand is associated with which of the following games ?
(1) Badminton (2) Golf (3) Chess (4) Billiards (5) Basket Ball

PROFESSIONAL KNOWLEDGE

Questions in this test will be based on the area of specialization.

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

- (1) The examination would be conducted on-line i.e. on a computer.
- (2) All test except General English will be provided in English, Hindi and Marathi.
- (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 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 :
- 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. The test you will view will be highlighted.
- (15) You can shuffle between the questions within a particular section during the examination as per time allocated to that particular sections.
- (16) 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 immediately debarred to continue in the examination.
- (17) 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.
- (18) After the expiry of time allotted to a particular test/group of tests 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.
- (19) 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. Latecomers 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. (Preferably the same photograph as was as uploaded).
- (4) You must scrupulously follow the instructions of the Test Administrator and the RCFL 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/Aadhaar/E-Aadhaar 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 original Gazette notification/their original marriage certificate/affidavit in original.
- (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. RCFL 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 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 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. 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. RCFL 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 is 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 RCFL 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) The outstation candidates belonging to SC/ST/PwBD reserved category called for Online Written Test will be reimbursed TA by Road/Rail as mentioned in the advertisement.
- (15) Candidates belonging to SC/ST/PwBD category are requested to download the TA form along with the call letter, from the recruitment page of RCFL website, fill it and bring on exam day for submission. Filled in Forms to be handed over to the invigilator on the day of examination along with original tickets of incoming journey and photocopy of outgoing journey. The TA amount will be credited electronically in the bank account.
- (16) Clauses related to PwBD candidates are applicable only for the posts identified for PwBD vacancies.
- (17) We have displayed pre-test training facility / online demo (in Hindi and English) on our website www.rcfltd.com under recruitment section. The candidates are requested to avail this facility.
- (18) As per the advertisement displayed on our website www.rcfltd.com under recruitment section, if you are not eligible for the above post, please treat this letter as cancelled and do not appear for the online test.
- (19) Please read instructions related to Social Distancing given below.
- (20) Candidates are advised to take note of "The Public Examinations (Prevention of Unfair Means) Act, 2024".

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 following 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!