

**ONLINE EXAMINATION FOR RECRUITMENT TO THE POST OF:**

1. Operator (HEMM) Gr. III
2. Mining Mate Gr. III
3. Jr. Foreman (Mines)
4. Jr. Foreman (Electrical)
5. SUPT(JOT) - Operator
6. Operator Gr. III
7. SUPT(JOT) - Fitter
8. Technician (Fitter) Gr. III
9. SUPT(JOT) - Electrical
10. Technician (Electrical) Gr. III
11. SUPT (JOT) - Laboratory
12. SUPT(JOT) - Instrumentation/Instrument Mechanic
13. Technician (Instrumentation / Instrument Mechanic Gr. III)

**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 tests as stated below:

**Structure of the test**

| Sr. No. | Name of the Test                                                               | No. of Questions. | Max. Marks | Version                          | Duration           |
|---------|--------------------------------------------------------------------------------|-------------------|------------|----------------------------------|--------------------|
| 1       | Technical Knowledge                                                            | 60                | 60         | Bilingual i.e. English and Hindi | 120 Minutes        |
| 2       | Non-Technical (Quantitative Aptitude, Reasoning, General Knowledge and English | 40                | 40         |                                  |                    |
|         | <b>Total</b>                                                                   | <b>100</b>        | <b>100</b> |                                  | <b>120 Minutes</b> |

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 call letters, going through the instructions etc. Test is compositely timed. 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 no**

penalty for wrong answers marked by you. However, you are advised not to mark your answers by random guessing.

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.

## SAMPLE QUESTIONS

### TECHNICAL KNOWLEDGE

Questions will be based on the area of specialization.

### QUANTITATIVE APTITUDE

**Q.1-3.** 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.1.** 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.2.** 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.3.** 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
- Q.4.** At 10 paise each, how many paise will 6 lemons cost ?  
 (1) 6 (2) 10 (3) 60 (4) 61 (5) 610
- 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

### REASONING

- Q.1-3.** 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.** Some leaders are dishonest. Satyapriya is a leader. Which of the following inferences definitely follows from these two 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.5.** If the first and the second letters in the word 'DEPRESSION' were interchanged, also the third and the fourth letters, the fifth and sixth letters and so on, which of the following would be the seventh letter from the right ?  
 (1) R (2) O (3) S (4) I (5) Other than those given as options

### 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.** '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.3.** 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.4.** Which of the following financial institutions has introduced the 'Know Your Customer' guidelines for Banks ?  
 (1) IDBI (2) RBI (3) NABARD (4) SIDBI (5) Other than those given as options
- Q.5.** 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) Narendra Modi (5) Other than those given as options

### ENGLISH LANGUAGE

- 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 'No error'. (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.3-5.** 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 source of rights is duty. If we all (3) our duties, rights will not be (4) to seek. If leaving duties unperformed we run (5) rights, they will escape us like an elusive person.
- Q.3.** (1) deny (2) devote (3) discharge (4) imagine (5) fulfill
- Q.4.** (1) far (2) close (3) easy (4) against (5) common
- Q.5.** (1) as (2) after (3) at (4) from (5) for

**(A) Details of the Online Examination Pattern**

- (1) The examination would be conducted online i.e. on a computer.
- (2) All tests will be bilingual i.e. 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 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(s). 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:
  - (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) 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 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 NALCO.
- (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.
- (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, 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.
- (4) You must scrupulously follow the instructions of the Test Administrator and the NALCO 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 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) In order to save time on frisking (Metal Detectors will be used), the candidates are advised to follow the below mentioned dress code:
  - Light clothes which cannot be used for hiding any instruments or communication devices.
  - Half sleeves but not having big buttons or any badge, brooches etc. which could be used to hide the communication device, Bluetooth, camera etc.
  - Slippers, sandals and not the shoes/socks.
  - Light Clothes without any metal items like zippers, button etc.
 However, candidates coming in customary/religious dresses and PwBD should report at the centre well in advance prior to reporting time for proper frisking.
- (8) 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/ Permanent Driving Licence/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 / Aadhar/E-aadhar 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.** 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 in original /Affidavit in original and a copy of the same.

- (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. NALCO may take further action against such candidates as deemed fit by it.
- (10) 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.
- (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 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.
- (12) 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.
- (13) 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.
- (14) 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 NALCO 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.
- (15) Eligible SC & ST candidates called for CBT shall hand over the TA claim along with required documents to the concerned Official at the Computer Based Test (CBT) center only. TA claim shall not be collected by any other mode. Any inadequacy/ deficiency/ discrepancy in documents for TA claim is liable to be rejected.
- (16) Candidates are advised to take note of "The Public Examinations (Prevention of Unfair Means) Act, 2024".

**WISH YOU GOOD LUCK**