

INDIAN OIL CORPORATION LTD.



COMPUTER BASED TEST FOR RECRUITMENT TO THE POST OF

DIPLOMA ENGINEER (GRADE E0) : ELECTRICAL, MECHANICAL, SAFETY
GRADUATE ENGINEER (GRADE A) : CHEMICAL, CIVIL , COMPUTER SCIENCE AND IT,
ELECTRICAL , ELECTRONICS & COMMUNICATION,
INSTRUMENTATION, MECHANICAL
MARKETING (GRADE A), LAW (GRADE A), QUALITY CONTROL (A0)

INFORMATION HANDOUT

This handout contains details pertaining to various aspects of the CBT 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 CBT will comprise the following objective type multiple choice tests as stated below:

SR. NO.	NAME OF TESTS	NO. OF QUESTIONS	MAXIMUM MARKS	VERSION OF TESTS	DURATION
Section A	General Aptitude	50	50	English and Hindi	60 Minutes
	– Quantitative Aptitude	20	20		
	– Logical Reasoning	15	15		
	– Verbal Ability of English Language	15	15	English	
Section B	Domain Knowledge	50	50	English and Hindi	90 Minutes
	Total	100	100		150 Minutes

The total time for the test is 150 minutes; however you may have to be at the venue for approximately 210 minutes including the time required for logging in, collection of the call letters, going through the instructions etc. All tests will be in English and Hindi except English language. Tests are separately timed. You can attempt any question in a given section during the time allotted to that section only. 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, 1/4 of the marks assigned to that question will be deducted as penalty.**

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.

QUANTITATIVE APTITUDE

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

LOGICAL REASONING

- Q.1.** If the letters of the following alphabet interchange positions, so that A takes the place of Z and Z takes the place of A; B takes the place of Y and Y takes the place of B and so on, what will be the 13th letter from the right ?
 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
 (1) M (2) N (3) O (4) L
- Q.2.** 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) Other than those given as options
- Q.3.** 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

VERBAL ABILITY OF ENGLISH LANGUAGE

- 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)

DOMAIN KNOWLEDGE

Questions in this test will be based on the prescribed qualification specified for each post.

(A) Details of the Computer Based Test (CBT) Pattern

- (1) The examination would be conducted on-line i.e. on a computer.
- (2) All tests will be in English and Hindi except English language.
- (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) In case a candidate wishes to report an issue in any question, an additional facility "Report Question" option (button) onscreen will be available in the examination.
- (5) 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.
- (6) The question palette at the right of screen shows one of the following statuses of each of the questions numbered:

 1 You have not visited the question yet.

 2 You have not answered the question.

 3 You have answered the question.

 4 You have NOT answered the question, but have marked the question for review.

 5 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.*

- (7) 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.
- (8) To select your answer, click on one of the option buttons.
- (9) To change your answer, click another desired option button.
- (10) To save your answer, you MUST click on **Save & Next**.
- (11) To deselect a chosen answer, click on the chosen option again or click on the **Clear Response** button.
- (12) 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.*
- (13) 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.
- (14) **ONLY Questions that are saved or marked for review after answering will be considered for evaluation.**
- (15) 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.
- (16) 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.
- (17) You can move the mouse cursor over the section names to view the status of the questions for that section.
- (18) Tests are separately timed. You can attempt any question in a given section during the time allotted to that section only.
- (19) 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 IOCL.
- (20) 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.
- (21) After the expiry of 150 minutes, the candidates will not be able to attempt any question or check their answers.
- (22) **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 CBT 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 IOCL 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. For the posts of Diploma Engineer (Electrical), Diploma Engineer (Mechanical) and Quality Control (Chemistry) use of on-screen simple calculator is permitted. For the posts of Graduate Engineer (Chemical), Graduate Engineer (Civil), Graduate Engineer (Computer Science and IT), Graduate Engineer (Electrical), Graduate Engineer (Electronics & Communication), Graduate Engineer (Instrumentation) and Graduate Engineer (Mechanical) use of on-screen scientific calculator is permitted. Such calculators will be made available on-screen during the examination.
- (6) 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 submit the call-letter along with 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 /masked Aadhar/masked E-Aadhar Card with a photograph/Employee ID 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.
- (7) 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 examination centre.
- (Any failure to observe these points will result in non-admittance for the examination).
- (8) 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.
 - Clothes should not have 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 candidates should report at the centre well in advance prior to reporting time for proper frisking.
- (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. IOCL may take further action against such candidates as deemed fit by it.
- (10) You should bring with you a ball-point pen. 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** submit this sheet of paper along with the Call Letter and photocopy of photo identity proof to the invigilator.
- (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 recruitment process of the IOCL 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.
- (15) A candidate who is or has been declared by IOCL guilty of impersonation or of submitting fabricated document/s which have been tampered with or of making statements which are incorrect or false or of suppressing material information or otherwise resorting to any other irregular or improper means of obtaining admission to examination or of using or attempting to use unfair means in the examination hall or misbehavior in the examination hall may be debarred permanently or for a specified period by IOCL from admission to any examination or appearance at any interview held by it for selection of the candidates. IOCL may take further action against such candidates as deemed fit by it.
- (16) (i) The PWBD candidates, who want to use facility of scribe, MUST go through the detailed advertisement which is available in the IOCL website and carefully READ the instructions.
- (ii) Such candidates having physical limitation to respond in CBT and opting for own Scribe/ Reader should submit details of the own Scribe as per prescribed Proforma (Letter of Undertaking for using own scribe) along with submission of copy of 'Certificate regarding Physical Limitation of an examinee to respond in CBT'. Both the prescribed proforma are available on 'Latest Job Opening' under 'IndianOil for Careers' page of website www.iocl.com
- (17) Candidates are advised to take note of "The Public Examinations (Prevention of Unfair Means) Act, 2024".

WISH YOU GOOD LUCK!