

#### **ADDENDUM**

No. **926**/OMC/2022 Date:**17.01.2022** 

With reference to the Advertisement No.65/OMC dated 04.01.2022 regarding recruitment of Non-executives in OMC Ltd., the followings are notified as addendum to the above Advertisement for the information of the interested eligible candidates.

- Pursuant to the Notification No. 771 dated 11<sup>th</sup> January' 2022 and Letter No. 919 dated 12<sup>th</sup> January' 2022 of GA & PG Department, Govt. of Odisha, the upper age limit for the post of Jr. Accountant & Electrician-III (as per the above referred recruitment advertisement of OMC) is hereby modified to 38 (thirty eight) years as on 31.12.2021 and accordingly, the age relaxation in case of SC/ ST/ SEBC/ Women/ PwD/Departmental candidates shall be applicable as per norms of Govt. of Odisha/ OMC Recruitment Rules.
- 2. The Basic Qualification for the post of Jr. Accountant, with addition of one more alternative to the Computer Qualification, shall be as under:

As per Advertisement No. 65/O 04.01.2022	MC dated	Revised through this Advertisement:
		"Degree in Commerce from recognized University with Diploma in Computer Application/ PGDCA/ OS-CIT."

**Note: OS-CIT** (Odisha State Certificate in Information Technology), the course of Odisha Knowledge Corporation (OKCL) is included as one of the Computer Qualification options in addition to DCA/ PGDCA as per Notification No. 435 dated 08.02.2021 of Department of Electronics & Information Technology, Govt. of Odisha.

3. As the aforementioned modifications are to be incorporated in the online application portal, the application portal shall be made **Go-live** from **2:00PM of 25.01.2022 (Tuesday)** instead of 2:00 PM of 18.01.2022 & it shall remain live **till 11:59 of 14.02.2022 (Monday)**.

All other terms & conditions of the Advertisement No. 65/OMC dated 04.01.2022 shall remain unchanged.

Sd/-GENERAL MANAGER (P&A)

**NB:** Candidates are advised to check the OMC website (https://omcltd.in) regularly for important instructions / notifications relating to this recruitment.

#### **Odisha Mining Corporation Ltd.**

(A Gold Category State PSU)
Registered Office: OMC House, Bhubaneswar-751001, India
Tel: 0674-2377400/2377401, Fax: 0674-2396889, 2391629, omcltd.in

CIN: U131000R1956SGC000313



#### ADVERTISEMENT FOR RECRUITMENT OF NON-EXECUTIVES IN OMC LTD.

No.65 /OMC Date: 04/01/ 2022

OMC, a Gold category and largest State PSU in Mining Sector in the Country, undertakes exploration, mining and trading of iron, chrome & bauxite ores. Inspired by the vision to emerge as the market leader and to play a catalytic role in the growth of industrialization, OMC caters to the requirements of mineral based industries. The Corporation has registered annual turnover of Rs.5587 Crore in FY 2020-21 and is on a high growth trajectory.

The Corporation intends to fill up the Non-Executive posts in different disciplines as under:

### 1. Vacancy:-

The vacancies are against the sanctioned regular posts. However, the candidates shall initially be appointed as Trainees for a period of 1 (one) year from the date of joining the post with consolidated stipend. On successful completion of training period, they shall be kept under probation for a period of one year during which the trainees shall be allowed the regular pay scale & other allowances.

SI.	Name of the	Scale of Pay	Basic Qualification	Total		Category	of Posts	
No.	Post & Grade	Scale Of Pay	Dasic Qualification	Vacancy	UR	SEBC	SC	ST
1	Jr. Accountant (Class- III Grade)	Pay Level-8 Rs. 29,200 to Rs.92,300	Degree in Commerce from recognized University with Diploma in Computer Application/ PGDCA.	27 (09-W) (01-PwD)	14 (04-w)	02 (01-w)	05 (02-w)	06 (02- w)
2	Electrician- III (Class- III Grade)	Pay Level-5 Rs. 21,700 to Rs.69,100 (02 extra increments at the time of entry into regular post)	HSC with ITI in Electrician, lineman/ wireman Trade from recognized institute with valid workman permits "A" certificate issued by the Competent Authority,  OR  HSC with ITI in Electrician, lineman/ wireman Trade from recognized institute with minimum Lineman- MV (with Learner Permit for Workman-HT) issued by Electrical Licensing Board, Odisha (ELBO).	12 (04-W)	06 (02-w)	01	02 (01-w)	03 (01-w)
	TO	ΓAL		39	20	03	07	09

- The online application portal for online application by the interested eligible candidates shall be made **Go-live** from <u>2:00</u> **PM of 18.01.2022 till 11:59 PM of 07.02.2022**, which will be available in OMC website (https://omcltd.in).
- OMC Management reserves the right to cancel, amend or alter the above advertisement without assigning any reason thereof.
- Candidates are requested to visit Corporation website https://omcltd.in > Recruitment Portal at regular intervals for any notification, news, updates etc. relating to this recruitment.

IMPORTANT DATES				
Starting date of On-line Application Form 02:00 PM of 18.01.2022				
Closing Date of On-line Application Form 11:59 PM of 07.02.2022				

Sd/-GENERAL MANAGER (P&A)

## 2. Eligibility Criteria:-

SI.No.	Name of the Posts	Basic Qualification	Maximum Age as on 31.12.2021
1	Jr. Accountant, Class- III Grade	Degree in Commerce from recognized University with Diploma in Computer Application/ PGDCA.	Not below 18 years and above 32 years.  1) Upper age limit in case of SC/ ST/ SEBC/ Women/ PwD/ shall be relaxed
2	Electrician- III, Class- III Grade	II, HSC with ITI in Electrician, lineman/ wireman Trade from recognized institute with valid workman permits "A" certificate issued by the Competent Authority,	as per norms of Govt. of Odisha).  2) Upper age limit in case of departmental candidates fulfilling the eligibility criteria shall be relaxed up to maximum 10
		OR  HSC with ITI in Electrician, lineman/ wireman Trade from recognized institute with minimum Lineman- MV (with Learner Permit for Workman- HT) issued by Electrical Licensing Board, Odisha (ELBO).	years in accordance with the provisions of OMC R&P Rules for Non-executives, 2012 & OMC R&P Rules for Non-executives, 1997.

- Relaxation for SC /ST/SEBC, PwD & Women:
  - a. The upper age limit is relaxable by **05** (five) years in case of **SC**, **ST** and **SEBC** candidates.
  - b. The upper age limit is relaxable by **05** (five) years in case of **Women** candidates.
  - c. The upper age limit is relaxable by 10 (ten) years in case of PwD candidates.
- Provided that a person who comes under more than one category as mentioned above, shall be eligible for only one benefit of upper age relaxation, which shall be considered most beneficial to him/ her. However, Persons with Disabilities belonging to SC/ ST/ SEBC category are eligible for age relaxation benefit upto 15 years.
- ➤ Date of birth entered in the High School Certificate Examination or equivalent Certificate issued by the concerned Board/ Council will only be accepted.

### 3. Initial Post & Stipend:-

SI. No	Name of the Posts	Stipend per month	Conditions to apply for the training period
1	Jr. Accountant Trainee	Rs. 29200.00	<ol> <li>Inter-se seniority of the selected candidates shall be maintained.</li> <li>The trainee shall not be allowed any kind of leave except casual leave &amp; compensatory leave (if posted to field office) during the training period.</li> <li>The training period shall not be counted for calculation of leave allowed under the OMC Leave Rules, 1976 &amp; sanction of increments.</li> <li>The trainee shall not be allowed any kind of allowances and loan except House Rent Allowance.</li> </ol>

SI. No	Name of the Posts	Stipend per month	Conditions to apply for the training period
2	Electrician- III Trainee	Rs. 21700.00	<ol> <li>The trainee may be provided Corporation Quarter on availability &amp; eligibility. In lieu of Corporation Quarter, the trainee shall be allowed House Rent Allowance. The starting Pay + Grade Pay in the corresponding pre-revised scale of pay (ORSP Rules, 2008) of the concerned post shall constitute the basis for sanction of House Rent Allowance.</li> <li>The trainee shall be allowed Medical facilities as extended to a regular employee.</li> </ol>

# 4. Domicile Status of the candidate:-

Residents of the state of Odisha (candidates who are native to Odisha) only can apply for the above Non-Executive posts. Candidates belonging to other states are **not eligible** to apply for the posts.

### 5. How to apply:-

Candidates must go through "General Instructions" & "How to apply" as detailed under carefully while filling up the Online application. The "General Instructions" & "How to apply" shall be useful for filling up the Online application after it is made Go-live.

#### **General Instructions**

- 1. Before start of filling-up of application through on-line mode, the candidate should keep ready, the following details/ documents:
  - a) Valid e-mail ID & Mobile Number.
  - b) Scanned copy of the recent passport size color Photograph (not older than 3 weeks). Candidates should ensure that the same photograph is used throughout this recruitment process.
  - c) Scanned signature.
  - d) Required certificates and documents as mentioned in the Advertisement.
- 2. Category and Sub-category [General (UR)/SC/ST/SEBC/PwD] once filled by candidate in the on-line application form will not be changed and no benefit of other category will be admissible.

#		How to apply					
I.		Candidates should have a valid personal e-mail ID and mobile number. It should be kept active during					
		recruitment process. Registration number, password, and all other important communication					
		ent on the same registered e-mail ID (please ensure that email sent to this mailbox is not					
	redirected	I to your junk / spam folder).					
II.	Candidate	es should take utmost care to furnish the correct details while filling in the on-line application.					
	YOU CAN	I EDIT THE INFORMATION BEFORE SUBMISSION OF <b>STEP-I</b> and <b>STEP-II</b> . Once the form					
	is submitte	ed, it can't be edited.					
III.	The step b	by step process for submitting the application form is given below:					
	Step-I	: Registration of Personal Details, and Contact details. Login Id and password will be					
	sent to you through e-mail on registered e-Mail ID.						
	Step-II	: Please log out and re-log in to go to the Application Form. Fill up the Eligibility Details,					
		Personal Details, Qualification Details, Upload relevant documents and submit Fee (if					
		applicable) online via SBI MOPS through Net Banking/Debit Card/Credit Card/UPI.					

IV.	Application once submitted cannot be withdrawn and fee once paid shall not be refunded in any case, neither shall be held reserved for any other recruitment nor selection process in future STEP-I Registration				
a.	The candidates agreeing to the terms & conditions may proceed further by clicking "I agree" check box and pressing the "Start" button at the appropriate place of the online application form which shall be made Go-live from 18.01.2022.				
b.	The candidate should fill up all the desired information i.e. Personal Details, Contact Details, etc. correctly.				
C.	On completion of Step-I registration, the candidate will receive a message in the registered e-mail ID conveying his/her login ID and password.				
d.	The candidate has to log-out and log in again in order to fill up other details in application form.				
e.	After registration, candidate may re-login and click on "Go to Application Form" icon at top right corner, select his category and other mandatory details and complete Personal Details, Qualification Details, Upload photo/signature/relevant documents and submit Application Fee (if applicable) through Online mode via Debit card, Credit card, Internet Banking & UPI through SBI MOPS.				
f.	Instructions regarding scanning of Photograph, Signature, Self-declaration and Certificates. Candidate should upload the scanned (digital) image of his/her photograph and signature as per the process given below. The applicant should note that only jpg/jpeg format is acceptable:  i. Photograph Image:  • Photograph must be a recent passport size colour picture on light coloured background.  • The size of the scanned image should be between 50kb -100kb in jpg/ jpeg format only.  ii. Signature image:  • The applicant has to sign on white paper with Black/Blue ball point pen.  • Size of file should be between 50kb – 100kb in jpg/jpeg format only.  iii. Certificate image:  • Please scan the relevant Certificates.  • Each Certificate in JPG/JPEG/PDF format only and Size of file should be between 50kb – 1000kb.				
	<ul> <li>iv. Self declaration image:</li> <li>Please scan the relevant self declaration for caste &amp; resident / resident.</li> <li>The self declaration to be in JPG/JPEG/PDF format only and Size of file should be between 50kb – 1000kb.</li> </ul>				
g.	Once the application is submitted, candidates will automatically be redirected to SBI payment gateway to deposit the fee of INR 500/- + Bank charges (if applicable) through Debit Card/Credit Card/Net Banking/UPI etc. Candidate may generate payment acknowledgement slip for future reference.				
h.	Guidelines for remittance of fee are as under:     Post submission, the candidate will be re-directed to Payment gateway to make the online payment of application fees.     Kindly verify the details and make the payment for application fees via the different payment modes.     Post successful payment of application fees, candidate will be redirected to his/her application form.				
i.	<ul> <li>For the purpose of all future reference, the candidates are advised to keep a printout of their application form, after successful submission.</li> <li>For technical queries/ clarifications relating to the filling up of ONLINE APPLICATION, please feel free to contact the helpdesk at Email: <a href="mailto:omclhelpdesk2022@gmail.com">omclhelpdesk2022@gmail.com</a> or Helpdesk No: 7669631162 from 18.01.2022 to 07.02.2022 from 10:00 AM to 5:00 PM on working days.</li> </ul>				

#### 6. Position of Vacancies and Reservation Thereof:-

The vacancy position along with reservation thereof is given below.

SI.	Name of	Total No.of		green a		posts rese	rved for
No.	thePost/ Grade	vacancies	UR	SEBC	SC	ST	PwD
1	2	3	4	5	6	7	8
(i)	Jr. Accountant Class- III Grade	27 (09-w)	14 (04-w)	02 (01-w)	05 (02-w)	06 (02- w)	[(a) Blindness and Low Vision /  (b) Deaf and hard of hearing /  (c) Locomotor disability including Cerebral Palsy, leprosy cured, dwarfism, acid attack victims and muscular dystrophy /  (d)Autism, intellectual disability, specific learning disability and mental illness /  (e) Multiple disabilities from amongst persons under clause (a) to (d) including deaf- blindness in the posts identified for each disability from time to time]
(ii)	Electrician- III Class- III Grade	12 (04-w)	06 (02-w)	01	02 (01-w)	03 (01-w)	
	Total	39	20	03	07	09	01

#### Note:

- 1. "UR" denotes Un-Reserved
- 2. "SC" denotes Schedule Caste
- 3. "ST" denotes Schedule Tribe
- 4. "SEBC" denotes Socially & Educationally Backward Class
- 5. "W" denotes Woman
- 6. "PwD" denotes Person with Disability
- (a) Variation in number of vacancies against categories is due to adjustment of backlog.
- (b) Out of the vacancies mentioned above, only 01 post is reserved for **PwD** category (disability of 40% or more) for the post of Jr. Accountant, Class- III Grade. Candidate with any of the specified category detailed against the post of Jr. Accountant in Class- III Grade can apply.
- (c) Persons with disability of 40% or more, if they desire, will have to bring scribe/ reader of their own to assist them in examination. There is no restriction w.r.t. educational qualification etc. for scribe/reader. But, it should be ensured that a scribe should not possess same/ similar/ higher qualification and must not also be from same discipline. The candidates with disability of 40% or more shall be allowed compensatory time of 20 minutes per hour for the Computer Based Test (CBT).
- (d) A candidate belonging to PwD, when selected as per reservation provided for him/ her, shall be adjusted against the categories to which he/ she belongs, which means that the PwD, if belonging to Scheduled Caste (SC) will claim the vacancy reserved for SC, if belonging to Scheduled Tribe (ST) will

- claim the vacancy reserved for ST and so on. Thus, the PwD, who does not belong to either any of the reserved communities i.e. SC/ ST/ SEBC, would claim the unreserved vacancies.
- (e) In case of non-availability of eligible/ suitable female candidate (s) belonging to the respective category, the unfilled vacancies of that category shall be filled up by eligible & suitable male candidate (s) of the same category.
- (f) The exchange of reservation between SC & ST and vice-versa shall not be considered.
- (g) For candidates working in OMC:
  - The Non-executives recruited under OMC R&P Rules for Non-executives, 2012 and subsequently acquiring requisite qualification for any higher post of the same sub-cadre may attend the direct recruitment process whenever recruitment for such higher post is undertaken. In such case, upper age limit may be relaxed **up to 10** years. However, the non-executives recruited prior to implementation of OMC R&P Rules for Non-executives, 2012 and possessing qualification & experience for any post under these Rules, may also attend the direct recruitment process whenever recruitment to any post as per these Rules is undertaken. In such case, upper age limit may be relaxed **up to 10 years** and after appointment they will be governed under the R&P Rules for Non-executives, 2012.
- (h) The number of vacancies to be filled up on the basis of this recruitment is subject to change by OMC Ltd. without notice, depending upon the exigencies of public service at the discretion of OMC Ltd.
- (i) The candidates belonging to SC/ST/SEBC Category are required to upload the self-declaration towards caste and residence proof as per the format as mentioned at **Annexure-III**.
- (j) The candidates belonging to Un-Reserved Category are required to upload the self-declaration towards residence proof as per format as mentioned at **Annexure-IV**.
- (k) The candidates, if called for document verification by OMC Ltd, need to produce the valid Resident Certificate issued by the Competent Authority at that stage of document verification. Further, the candidates belonging to SC/ST/SEBC category are required to produce the valid caste certificate issued by the Competent Authority at the time of document verification stage if called for the same by OMC Ltd. SEBC certificate issued on or after 08.02.2019 shall be considered valid for the purpose of candidature. OBC certificate in place of SEBC certificate shall not be accepted.
- (I) Women candidates belonging to SC / ST/ SEBC are required to submit Caste Certificate by birth showing "daughter of \_\_\_\_\_" at the time of document verification. Caste Certificates obtained by virtue of marriage (i.e. showing wife of \_\_\_\_\_") is not acceptable.
- (m) The candidates shall submit the Resident Certificate issued by the Competent Authority on or after **08.02.2017.**

# 7. Selection Methodology :-

- **1.** Selection for the above posts will be made in two stages.
- 2. STAGE ONE : (Computer Based Test)
  - ➤ Eligible candidates will be called for Computer Based Test (CBT), comprising 120 (One Hundred Twenty) number of Multiple Choice Questions (MCQs) as under:

SI. No.	Post	Subjects	Allocation of Marks
1	Jr. Accountant	Core Subject	60
		General Awareness	15
		Reasoning & Mental Ability	15
		Quantitative Aptitude	15
		English	15
		Total	120
2	Electrician- III	Core Subject	60
		General Awareness	15
		Reasoning & Mental Ability	15

SI. No.	Post	Subjects	Allocation of Marks
		Quantitative Aptitude	15
		English	15
		Total	120

- The Computer Based Test (CBT) will be of 02 (Two) hours duration.
- > The candidates with disability of 40% or more shall be allowed compensatory time of 20 minutes per hour for the Computer Based Test (CBT).
- > The Syllabus for the posts of Jr. Accountant & Electrician- III are detailed at **Annexure-I** and **Annexure-II** respectively.
- ➤ For every correct answer, one mark shall be awarded. For every wrong answer attempted by the candidates, negative marking of ¼ marks (i.e., 0.25 marks) will be deducted. No marks will be awarded/deducted for un-attempted questions.
- ➤ In case of requirement, the Computer Based Test (CBT) for a particular post may be conducted in multiple shifts. In such case, advance notice will be issued for conducting the Computer Based Test (CBT) in multiple shifts for any particular post and for adopting/ applying the appropriate Score Normalization Formula for normalization of Computer Based Test (CBT) Scores.

#### 3. STAGE TWO: (Computer Proficiency Test & Document Verification)

- i. There shall be no viva-voice test. Merit on descending order (category- wise) shall be the basis for recruitment.
- ii. In case of filling up of the posts of **Jr. Accountant**, the candidates must be qualified in **Computer Proficiency Test** (must obtain minimum of 30 marks out of 100 marks). The candidates for the posts of **Jr. Accountant** shall be called for **Computer Proficiency Test** in the ratio of 1:5 (category-wise) in descending order of merit. Marks obtained in the Computer Proficiency Test shall not be added to the marks secured by the candidate in the **Computer Based Test (CBT)**.
- iii. After the Computer Based Test (CBT) for the post of **Electrician- III**, the candidates shall be called for verification of documents in the ratio of 1:3 (category-wise) in the descending order of merit in the **Computer Based Test (CBT)**. However, for the post of Jr. Accountant, **the qualifying candidates (in the Computer Proficiency Test)** shall be called for verification of documents in the ratio of 1:3 (category-wise) in descending order of merit in the **Computer Based Test (CBT)**.
- iv. The candidates to be called for Document Verification will have to produce original mark- sheets, certificates, documents from (HSC/ 10<sup>th</sup> onwards) towards proof of age, qualification, caste & residence etc.
- v. Wherever CGPA/OGPA is awarded, the candidates will have to produce document indicating equivalent percentage of marks as per norms adopted by the Board/ University/ Institute at the time of document verification.
- vi. In case of short fall of eligible candidates due to rejection/ non-availability of candidates at Document Verification stage, candidates next in merit shall be called for Document Verification to maintain the ratio of 1:3 for getting valid number of candidates for drawing the final selection list.
- vii. The candidates already employed in Government/ Semi- Government/ Central PSU/ State PSU shall submit "No Objection Certificate" issued by their present employer at the stage of document verification.
- viii. The Candidature of the candidates, not producing the required original documents at the time of document verification, shall be cancelled/ rejected.
- ix. Filling-up of vacancies is solely at the discretion of the Management based on suitability of candidates and hence, no claim shall arise for appointment, if vacancies are not filled up due to un-suitability / insufficient number of candidates.

#### 8. General Condition :-

- The Candidates who are awaiting for final result of prescribed base educational qualification for the posts of Jr. Accountant & Electrician- III are not eligible to apply.
- ii. The candidate (except SC/ST/PwD & Departmental candidate) is required to pay a non-refundable and non-adjustable amount of **Rs.500/-** (Rupees Five Hundred) only for each post towards Application fee in **Online Mode**. Candidates belonging to SC/ST category, PwD candidates and Departmental candidates are exempted from payment of examination fee.
- iii. The candidates are advised to submit only one application for each post. In case a candidate submits multiple applications against a particular category of post, then the latest application submitted by the candidate shall be considered. In such a case of multiple applications, the applicant has to submit the application fee against his/her latest application. No request for adjustment of application fee for such latest application against the fee paid for the earlier applications, if any, shall be allowed.
  - iv. Candidates are requested to visit Corporation website <a href="https://omcltd.in">https://omcltd.in</a> > Recruitment Portal at regular intervals for any notification, news, updates, results etc. relating to this recruitment.
- v. The decision of OMC Management will be final & binding on candidates in matters relating to eligibility, acceptance or rejection of the application, selection of candidate, cancellation of the recruitment process, etc. No enquiry / correspondence will be entertained in this regard. OMC Management, at its discretion, may alter the terms & conditions of recruitment including the ratio in which the candidates are to be called for Computer Proficiency Test & Document Verification.
- vi. At any stage of recruitment process, if it is found that the candidate has furnished false or incorrect information, then the candidature /appointment of the candidate shall be cancelled.
- vii. Canvassing in any form shall be viewed adversely & shall lead to disqualification.
- viii. The selected candidates shall produce the required documents at the time of joining at their place of posting as per provisions of OMC R&P Rules for Non-Executives 2012 (visit Corporation website <a href="https://omcltd.in">https://omcltd.in</a>).
  - ix. OMC service is not pensionable.
- x. Any dispute arising out of this connection will be subject to jurisdiction of appropriate Courts in Bhubaneswar only.
- xi. Interested eligible candidates may visit OMC Website <a href="https://omcltd.in">https://omcltd.in</a> and apply online within the scheduled dates as prescribed in this advertisement. Applications received through any other mode would not be accepted and summarily rejected.

IMPORTANT DATES				
Starting date of On-line Application Form 02:00 PM of 18.01.2022				
Closing Date of On-line Application Form 11:59 PM of 07.02.2022				

Sd/-GENERAL MANAGER (P&A)

# SYLLABUS FOR JR. ACCOUNTANT

	Duration of Computer Based Test (CBT)- 2 Hours	Total- 120 Marks		
. No.	Description		Marks	
<u>A.</u> 1	Core Subject Financial Accounting:		(60 Marks)	
	i. Fundamental Terminology: Meaning, Nature, Functions & Usefulness of Accounting, Types of Accounting, What is Account, Different Types of Account, Meaning of Key Terms like Asset, Liability, Revenue, Expenditure, Capital ,Bills Receivable & Payable etc., The Golden rules of Accounting, Double Entry System.			
	ii. Accounting Principles: Meaning of Accounting principles, Needs of Accounting principles, Different Types of Accounting Concepts & Conventions & their usages.			
	iii. Process of Accounting: Journal Entries, Ledger Posting, Preparation of Trial Balance, Different Types of Errors & its rectification, Preparation of Bank Reconciliation Statement, Accounting for Depreciation, need, significance & methods of Depreciation, Distinction between Capital & Revenue Expenditure, Inventory Valuation Methods like FIFO & LIFO.			
	iv. Financial Statement Preparation: Balance Sheet, Statement of Profit & Loss, Cashflow Statement & Statement of Changes in Equity.			
2	Cost Accounting:			
	i. Basic Terminology: Meaning, Object, & Scope of Cost Accounting, Difference between Costing & Cost Accounting.			
	ii. Key Components: Materials, Labour, Overhead, Cost Sheet, Cost Centre, Profit Centre, Reordering Level, Allocation & Apportionment of Expenditure, Absorption, Different Types of Costing Methods & Techniques.			
	iii. Budgeting & Budgetary Control: Concept of Budget & Budgetary Control, objective, merits & limitation, Types of Budget.			
3	Corporate Laws     i. Introduction: Company, Characteristics, Types of Company, Memorandum of Association, Articles of Association, Certificate of Incorporation			
	ii. Management: Classification of Directors, Types of Directors, Managing Directors Women Directors, Independent Directors, Functional Directors, Power & Duties, Meetings of Shareholders & Board, Types of meeting, Different Types of Board Committees.			

	<b>iii. Dividend &amp; Audit Aspect</b> : Provision relating to payment of Dividend, Provision relating to Audit, Auditors Appointment, Types of Audit & its purpose, Rotation of Auditors, Auditors Report.			
4	Income Tax & GST:	-		
	i. Income Tax: Basic concept, Income, Person, Assessment Year, Previous Year, Gross Total income, PAN, Corporate Income Tax rates, Advance Tax, TDS & TCS, Form 16 & 26 AS.			
	ii. GST: Concept of GST, Input Tax Credit & Cascading Effect of Tax, CGST, SGST & IGST, Meaning & Scope of Supply, Levy & Collection of Tax, Composition Scheme, Filling of Returns & Assessment.			
5	Financial Management:			
	i. <b>Key Ideas</b> : Meaning of Financial Management, Objectives, Types of Decisions, Profit Maximisation Vs. Wealth Maximisation.			
	ii. Sources of Finance: Short Term & Long Term source of Finance, Capital Structure, Risk& Return Analysis, Bank Guarantee & Letter of Credit.			
	iii. Working Capital: Concept& Significance, Determining Working Capital requirement, Financing Working capital needs.			
B.	General Awareness		(15 Marks)	1
	<ul> <li>a. Current National and International Events</li> <li>b. General Knowledge like History/ Polity/ Geography of Odisha &amp; India</li> <li>c. Scientific Invention &amp; use of Science in everyday life</li> <li>d. Issues of environment, Ecology, Bio-diversity &amp; Climate Change</li> <li>e. Books and Authors</li> <li>f. Major Financial &amp; Economic News</li> <li>i. Current events in Financial World</li> <li>ii. Recent credit and monetary policies</li> <li>iii. Union Budget 2021</li> <li>iv. Important Government Schemes on capital &amp; money market</li> <li>v. Organizations- RBI, SEBI, IMF, World Bank &amp; Others</li> </ul>			
C.	Reasoning & Mental Ability		(15 Marks)	1
	A. Verbal  I. Number Series  II. Alphabet Series  III. Test of Direction Sense  IV. Coding-decoding  V. Number Ranking  VI. Arithmetic Reasoning  VII. Problem of Age Calculation		(	
	B. Non-verbal I. Non-verbal Series II. Mirror Images III. Cubes & Dice IV. Grouping Identical Figures V. Embedded Figures etc			

D.		Quantitative Aptitude	:	(15 Marks)
	a. R	atio and Proportion		
	_	me and Work		
	c. S	peed and Distance		
	d. So	quare roots		
		ercentages and Averages		
	f. Pi	rofit, Loss and Discount		
	g. Pi	robability		
E.		<u>English</u>	:	(15 Marks)
	Grammar			
	l.	Fill in the blanks with articles		
	II.	Verb		
	III.	Agreement of the verb with subject		
	IV.	Adverb		
	V.	Preposition		
	VI.	Tenses		
	VII.	Conjunction		
	VIII.	One word substitution		
	IX.	Synonyms & Antonyms		
	X.	Correct the sentence		

### SYLLABUS FOR ELECTRICIAN- III

Duration of Computer Based Test (CBT)- 2 Hours			Total- 120 Marks		
. No.	Description		Marks		
A.	Core Subject	:	(60 Marks)		
1	Various safety measure involved in the industry				
	i. Elementary first Aid.				
	ii. Concept of Standard Basic injury prevention.				
	iii. Basic first aid.				
	iv. Hazard identification and avoidance.				
	v. Safety signs for Danger, warning, caution, personal safety message.				
	vi. Use of fire extinguisher.				
2	vii. Personal Protective Equipment.  Hand tools				
_	Traina toolo				
	i. Specifications				
	ii. Identification of simple type- screws, nuts & bolts, chassis, Clamps, Rivets				
	etc.				
	<ul><li>iii. Use, care &amp; maintenance of various hand tools.</li><li>iv. Familiarization with signs &amp; symbols of electrical accessories.</li></ul>				
3	Fundamental of electricity				
	Tanadaniona: Or Grootinoty				
	i. Electron theory- free electron.				
	ii. Fundamental terms, definition, units & effects of electric current.				
	iii. Ohm's Law.				
	iv. Simple electrical Circuits and problems.				
	v. Resistors — Law of Resistance, Series and parallel circuits., type of resistors, properties of resistors.				
	vi. Kirchhoff's Laws and applications.				
	vii. Effect of temperature on resistance.				
	viii. Different methods of measuring the values of resistance.				
4	Wires, joints & soldering				
	i. Solders, flux and Soldering technique.				
	ii. Explanation, definition and properties of conductors, insulators, semi				
	conductors.				
	iii. Voltage grading of different types of insulators.				
	<ul><li>iv. Temp. rise permissible.</li><li>v. Type of wires and cables — insulations and voltage grade — Low,</li></ul>				
	medium, high voltage.				
	vi. Precaution in using various types of cables.				
	vii. Insulating Materials- properties, common insulting materials,				
	classifications.				

5	Chemical effect of Electric current		
	Chambar direct of Electric during		
	i. Principle of electrolysis.	-	
	ii. Faraday's Law of Electrolysis.		
	iii. Basic Principle of electroplating and electrochemical equivalents.		
	iv. Explanation of anodes and cathodes.		
	v. Rechargeable dry cells.		
	vi. Description, advantages & disadvantages, care and maintenance of		
	cells.		
	vii. Grouping of cells of specified voltage and current.		
	viii. Lead acid cells, general defects and remedies.		
	ix. Nickel Alkali cells description charging.		
	x. Power and capacity of cells.		
	xi. Efficiency of cell.		
6	Magnetism	1	
	i. Classification of Magnets.		
	ii. Methods of Magnetizing, magnetic Materials.		
	iii. Properties, care & Maintenance.		
	iv. Para & Diamagnetism and Ferro magnetic materials.		
	v. Principle Of electro- magnetism.		
	vi. Maxwell's corkscrew rule.		
	vii. Fleming's left & right hand rules.		
	viii. Magnetic field of current carrying conductors, loop & solenoid.		
	ix. MMF, flux density, Reluctance.		
	x. B.H. curve, Hysteresis, eddy current.		
	xi. Principle of electro-magnetic induction, Faraday's law, Lenz's law.		
	Electrostatics- capacitor- different types, functions and uses.		
7	D.C. Generators		
		  -	
	i. Introduction to D.C. Generators.		
	ii. Working principle of D.C. Generator.		
	iii. Parts of D.C. Generator.		
	iv. Classification of generators - self excited and separately excited- their		
	application in practical field.		
	v. Brief description of series, shunt and compound generators, their		
	application.		
	vi. Explanation of armature reaction, Interlopes, commutation & ETF		
8	equation of D.C. Generator.  D.C. Motors	<del> </del>	
	D.O. MOLUIS		
	i. Working principle, Explanation of torque, speed, Back- EMF etc.	1	
	ii. Types, characteristic and practical application of D.C. motors.		
	iii. Related problems.		
9	Earthing	1	
	i. Principle of different methods of earthing i.e. pipe, plate etc.		
	ii. Importance of earthing, improving of earth residence, Earth leakage		
	circuit Breaker (ELCB).		
	iii. Measurement of earth resistance by earth tester.		

10	Alternating Current	
	i. Comparison & Advantages of D.C. & A.C.	
	ii. Alternating current & related terms-frequency, Instantaneous value, R.M.S. Value, Average value, Peak factor, form factor.	
	iii. Generation of sine wave.	
	iv. Phase and phase difference.	
	v. Inductive & Capacitative reactance	
	vi. Xi & Xc, Impedance (Z), power factor (P.f.).	
	vii. Vector diagram.	
	viii. Active and Reactive power, Simple problems on A.C. circuits, single	
	phase & three-phase system etc.	
	ix. Problems on A.C. circuits, power consumption in series and parallel,	
	Power factor etc.	
	x. Concept of three - phase Star & Delta connection.	
	xi. Line and phase voltage, current & power in a 3 phase circuit with	
44	Balanced and Unbalanced load.	
11	Transformers	
	<ul> <li>i. Its construction, working, performance, parallel operation of transformer &amp; their connections, S.C and O.C. tests.</li> </ul>	
	ii. Cooling of transformer.	
	iii. Regulation and efficiency, Specification, Problem on EMF equation,	
	transformation ratio.	
	iv. Characteristics of Ideal transformer. Construction of core, winding	
	shielding.	
	v. Auxiliary parts breather, Conservator, Buchholz's relay, other	
	protective devices.	
	vi. Transformer oil testing and Tap changing OFF load and ON load.	
	vii. Transformer pushing and termination, Auto transformer- its	
40	construction, working, performance and uses.	
12	Alternator	
	i. Parts of alternator, Principle of working, types of alternator, EMF equation.	
	ii. Various applications and power rating of alternators.	
	iii. Generalidea of loading and regulation of alternator, Parallel	
	operation of alternator, Synchronising methods.	
13	Electrical Measuring Instruments	
	i. Construction and working principle of- Ammeter, Voltmeter, Ohm-	
	meter, Wattmeter, Energy meter, P.F. meter, Frequency meter, Multi	
	meter, Clamp meter, Megger, Earth Tester.	
	ii. Introduction of Digital meters.	
	iii. CT & PT.	
4.4	iv. Tong tester/clip on meter.	
14	i. Laws of illumination.	
	ii. Illumination factors, intensity of light. iii. Importance of light, colour available.	
	iv. Construction, working and application of incandescent lamp- neon	
	sign, halogen, mercury vapour, sodium vapour, fluorescent tube, CFL,	
	LED.	
	v. Decoration lighting, drum switches, efficiency in lumens per watt,	
	Thumb rule calculation of lumens.	

15	AC Motor			
	i. Introduction to AC single phase motors & types.			
	ii. Capacitors start/ run- start & run.			
	iii. FHP Motors & their uses, various application of AC single phase			
	motor.			
	iv. Construction, principle of operation of three phase induction motor.			
	v. Squirrel Cage Induction motor, Slip ring induction motor, Rotor slip,			
	Rotor frequency & Rotor torque.			
	vi. Factor affecting torque.			
	vii. Effect of variation in applied voltage.			
	viii. Starting methods, speed control methods.			
	ix. Importance of phase sequence in three phase induction motor.			
	x. Single phasing preventer.			
	xi. D.O.L. Starter, Star- Delta starter, Autotransformer starter.			
16	Basic Electronics			
10	i. Semiconductor energy level, atomic structure.			
	ii. 'P' & 'N' Type.			
	iii. Type of materials-P-N-junction.			
	iv. Classification of Diodes- Reverse Bias and Forward Bias.			
	v. Heat sink, Specification of Diode, PIV voting.			
	vi. Explanation and importance of D.C. rectifier circuit. Half wave, Full			
	wave & Bridge circuit. Filter circuits - passive filter.			
	vii. Principle of working of a transistor- types of transistors,			
	Characters of a transistors, Specification and rating of transistors.			
17	Electrical Wiring			
	i. Introduction and explanation of electrical wiring system.			
	ii. Cleat wiring, casing and capping, CTS, Conduit and concealed etc.			
	iii. IE Rules relating to wiring, National building code for house wiring,			
	Specification and types, rating and material.			
	iv. Branching of circuits with respect to loads such as lighting and power.			
	v. IE Rules regarding clip distance, fixing of screws, cable bending etc.			
	vi. Common Electrical Accessories, their specifications - Explanation of			
	switches, lamp holders, plugs and sockets etc.			
	vii. Development of domestic circuits Using switches, fuse, MCB, Socket,			
	lamp, fan, calling bell / buzzer - Two way switch, ICDP, ICTP,			
	MCCB, ELCB, RCCB etc.			
	viii. Importance of Neutral, effect of opening of neutral wire.			
B.	General Awareness	:	(15 Marks)	
	a. Current National and International Events			
	b. General Knowledge like History/ Polity/ Geography of Odisha & India			
	c. Scientific Invention & use of Science in everyday life			
	d. Issues of environment, Ecology, Bio-diversity & Climate Change			
	e. Books and Authors			
C.	Reasoning & Mental Ability	:	(15 Marks)	
	A. Verbal			
	I. Number Series			
	II. Alphabet Series			
	III. Test of Direction Sense IV. Coding-decoding			
	V. Number Ranking VI. Arithmetic Reasoning			
	VII. Problem of Age Calculation			
	VII. I Tobletti ol Age Calculation			

T		B. Non-verbal	
		I. Non-verbal Series	
		II. Mirror Images	
		III. Cubes & Dice	
		IV. Grouping Identical Figures	
		V. Embedded Figures etc	
	D.	Quantitative Aptitude	(15 Marks)
		a. Ratio and Proportion	
		b. Time and Work	
		c. Speed and Distance	
		d. Square roots	
		e. Percentages and Averages	
		f. Profit, Loss and Discount	
		g. Probability	
	E.	<u>English</u>	(15 Marks)
		Grammar	
		I. Fill in the blanks with articles	
		II. Verb	
		III. Agreement of the verb with subject	
		IV. Adverb	
		V. Preposition	
		VI. Tenses	
		VII. Conjunction	
		VIII. One word substitution	
		IX. Synonyms & Antonyms	
		X. Correct the sentence	

# **ANNEXURE-III**

## SELF DECLARATION FORM FOR CASTE/ RESIDENT PROOF

I Smt./ Ms. / Sri			Daughter/Son of		
(as per advertisement)		Years	months_	day	s, Caste (ST/SC/SEBC)
Re	sident of Villa	age	P.O	P.S	Town (NAC/
Municipality/ Municipal Cor		Corporation)		Tahsil	District
Odisha, PIN C	ode	, do hereby de	clare that the in	formation given a	bove is true to thebest of
my knowledge	and belief. I	am well aware of	the fact that if t	he information giv	en by me is proved false
not true, I will b	oe liable for a	ction as per law a	nd all the benef	ts, if any, availed	by me shall be summarily
withdrawn.					
Date:					
Place:					
				Sign	ature of the applicant
				(Nar	ne of the applicant)
NOTI	Ξ:				
,		•		ent etc shall be of the final selection.	called for verification

The resident certificate must have been issued on or after 08.02.2017.

OBC certificate in place of SEBC certificate will not be accepted.

In case of SEBC category, the certificate must have been issued on or after 08.02.2019.

II)

IIÍ)

IV)

### SELF DECLARATION FORM FOR RESIDENT PROOF

I Smt./ Ms. / Sri			Daughter/Son of				Age
(as per ad	lvertisement)	Years	months_			_days, Reside	nt of Village
	P.O	P.S		Town	(NAC/	Municipality/	Municipal
Corporatio	n)	Tahsil	District		Odi	sha, PIN Code	e,
do hereby	declare that the	information given a	above is true to	the be	st of my	knowledge ar	nd belief. I am
well aware	of the fact that	at if the information	given by me	is prov	ed fals	e/ not true, I w	vill be liable for
action as p	er law and all th	e benefits, if any, av	vailed by me sh	all be s	summari	ly withdrawn.	
Date: Place:						Signature of	the applicant
						(Name of	the applicant)
N	IOTE:						
I) II)	verification pr	es towards proof of rocess before the fin certificate must have	al selection.			J	the document