



## GOA UNIVERSITY

Taleigao Plateau, Goa - 403 206 INDIA

Established by State Legislature by Notification No. LD/10/7/84 (D) of year 1984

Tel .Phone: (0832) 8669609013, 8669609291, 8669609068, 8669609022 and 8669609069

E-mail: registrar @ unigoa.ac.in

Fax +091-832-2451184/2452889 Web site: [www.unigoa.ac.in](http://www.unigoa.ac.in)

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The Candidates are requested to appear for a written test scheduled on 20.12.2018 at 10.30 a.m. to 12.00 noon for the post of Electrician in the Goa University. Refer Goa University website [www.unigoa.ac.in](http://www.unigoa.ac.in) for venue three days before the written test.

The candidates will be shortlisted based on the performance in the written test. Only those candidates who secure 40% in Section A (Konkani Language) will be considered for shortlisting. In the event of tie, such cases will be resolved by applying following criteria in the order one after another, till the tie is resolved:

- (i) Performance in Section B (----)
- (ii) Performance in Section C (-----)
- (iii) Date of Birth, i.e. older candidate is placed higher in the merit list

**The selection of the shortlisted candidates will be subject to the condition that they fulfil the eligibility criteria as per the Information Brochure of the advertisement.**

You are required to remain present for the written test sharp at 10.00 a.m. at your respective venue viz block and room alongwith the hall ticket as per instructions given therein.

No interview will be conducted for the final selection of the candidates. The performance in the written test will be basis for the merit list and final selection.

Hall ticket to be downloaded through login portal as registered at the time of filling up application form. Any assistance if required, you may contact on 8669609022/8669609069 or email [arnonteach@unigoa.ac.in](mailto:arnonteach@unigoa.ac.in).

No TA/DA will be paid for attending the written test.

No intimation in hard copy will be sent to the individual.

Sd/-  
(Prof. Y. V. Reddy)  
REGISTRAR

### Syllabus for Written Test (MCQ) for the Post of “Electrician”

Written test will be Multiple Choice Questions of 50 marks and is of a 90 minutes duration. Each correct choice has +2 mark and a wrong choice has -0.5 mark.

Composition of questions shall be as follows:

Section	Subject	No. of questions	Question order	Marks	Remark
A	Konkani	8	1 – 8	16	40% Pass required
B	Technical Knowledge	20	9 - 28	40	Science (Class 7 <sup>th</sup> and 8 <sup>th</sup> Standard as per Goa Board), Knowledge in Relevant Domain
C	i) General Intelligence & Quantitative Aptitude (Basic Arithmetic Skill)	16	29 -44	32	Section C - General intelligence (Verbal & Non Verbal Reasoning),
	ii)English Language (Basic Knowledge) & General Awareness/ Current affairs	6	45 - 50	12	Quantitative Aptitude, English & Current Affairs
	TOTAL	50		100	

#### **Section A - Konkani Language (Basic Knowledge) (8 questions )**

कोंकणी व्याकरण : लींग, एकवचन, भोववचन, काळ, वाक्यविचार (Konkani Grammar)

शुध्दलेखनाचे नेम (Konkani Orthography)

कोंकणी आंकडे. (Konkani Numbers)

कार्यालयीन इंग्लीश - कोंकणी उतरावळ. (Administrative Terminology)

#### **Section B - Technical Content (20 Questions)**

Science: Knowledge based on ongoing syllabus content of Subject “Science” at the level 7th and 8th Class of Goa Board will be assessed at various difficulty levels.

Domain Knowledge : Knowledge of basic electrical circuits, safety norms, basic principles in electrical wiring and main circuit boards, circuit breakers, insulators, phase wiring.

**Section C -**

**(I) General Intelligence and Quantitative aptitude (16 questions)**

Analogies, Alphabetical and Number Series, Coding and Decoding, Mathematical Operations, Relationships, Directions, Syllogism, Jumbling, Venn Diagram, Data Interpretation and Sufficiency, Conclusions and Decision Making, Similarities and Differences, Analytical Reasoning, Classification, Directions, Statement- Arguments and Assumptions

Number System and BODMAS, Decimals, Fractions, HCF and LCM, Ratio and Proportion, Percentages, Mensuration, Time and Work, Time and Distance, Simple and Compound Interest, Profit and Loss, Algebra, Geometry, Elementary Statistics, Square root, Age Calculations, Calender and clock etc.

**(iii) English Language and General Awareness (6 Questions)**

English Grammar, Sentence structure, Misspelled words, Idioms and Phrases, Comprehension

General awareness of environment and society, current affairs and events especially related to India and neighbouring countries