



GOA UNIVERSITY

Taleigao Plateau, Goa - 403 206 INDIA

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

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The Candidates are requested to appear for a written test scheduled on 30.11.2018 at 11.00 a.m. to 1.00 p.m. for the post of Technician II in the Goa University. Refer Goa University website 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.

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 “Technician II”

Written test will be Multiple Choice Questions of 100 marks and is of a 2 hour duration. Each correct choice has +1 mark and a wrong choice has -0.25 mark
Composition of questions shall be as follows:

Section	Subject	No. of questions	Question order	Marks	Remark
A	Konkani	10	1 – 10	10	40% Pass required
B	Technical Knowledge	50	11 - 60	50	
C	(i)General Intelligence	15	61 -75	15	Section C - General intelligence (Verbal & Non Verbal Reasoning), Quantitative Aptitude, English & Current Affairs
	(ii)Quantitative Aptitude (Basic Arithmetic Skill)	10	76 -85	10	
	(iii)English Language (Basic Knowledge)	10	86 –95	10	
	(iv)General Awareness/ Current affairs	05	96-100	5	
	TOTAL	100		100	

Section A - Konkani Language (Basic Knowledge) (10 marks)

1. कोंकणीव्याकरण: लींग, एकवचन,भोववचन, काळ, वाक्यविचार(KONKANI GRAMMAR)
2. शुध्दलेखनऱाचेनेम (KONKANI ORTHOGRAPHY)
3. कोंकणीआंकडे. (KONKANI NUMBERS)
4. कार्यालयीनइंग्लीश - कोंकणीउतरावळ. (ADMINISTRATIVE TERMINOLOGY)

Section B - Technical Content (Marks 50)

Electronic Components & Microprocessor Systems,PC Architecture, PC Components, Peripheral Components,Network components and devices, Device & software Installation, Basics of Operating Systems & Networks,Operating systems Installation(Windows & Linux), Knowledge of Diagnostics Tools, PC Troubleshooting & Maintenance,Server Installation & Configuring Services,Network Topologies & Protocols,Network Administration & Security.

Section C -

(I) General Intelligence: (Marks 15)

Questions on analogies, similarities and differences, space visualization, spatial orientation, problem solving, analysis, judgement, decision making, visual memory, discrimination, observation, relationship concepts, arithmetical reasoning and figural classification, arithmetic number series, non-verbal series, coding and decoding, statement conclusion, syllogistic reasoning etc. The topics are, Semantic Analogy, Symbolic/Number Analogy, Figural Analogy, Semantic Classification, Symbolic/Number Classification, Figural Classification, Semantic Series, Number Series, Figural Series, Problem Solving, Coding & decoding, Numerical Operations, symbolic Operations, Trends, Space Orientation, Space Visualization, Venn Diagrams, Drawing inferences, Punched hole/pattern – folding & unfolding, Figural Pattern – folding and completion, Indexing, Address matching, Date & city

matching, Classification of centre codes/roll numbers, Small & Capital letters/numbers coding, decoding and classification, Embedded Figures, Critical thinking, Emotional Intelligence, Social Intelligence, Other subtopics, if any.

(ii) Quantitative Aptitude (Basic Arithmetic Skills): (Marks 10)

Appropriate use of numbers and number sense, computation of whole numbers, decimals, fractions and relationships between numbers, Percentage. Ratio & Proportion, Square roots, Averages, Interest, Profit and Loss, Discount, Partnership Business, Mixture and Alligation, Time and distance, Time & Work, Basic algebraic identities of School Algebra & Elementary surds, Graphs of Linear Equations, Triangle and its various kinds of centres, Congruence and similarity of triangles, Circle and its chords, tangents, angles subtended by chords of a circle, common tangents to two or more circles, Triangle, Quadrilaterals, Regular Polygons, Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Sphere, Hemispheres, Rectangular Parallelepiped, Regular Right Pyramid with triangular or square base, Trigonometric ratio, Degree and Radian Measures, Standard Identities, Complementary angles, Heights and Distances, Histogram, Frequency polygon, Bar diagram & Pie chart.

(iii) English Language (Basic knowledge): (Marks 10)

Understanding and knowledge of English Language, vocabulary, grammar, sentence structure, spot the error, fill in the blanks, synonyms, antonyms, spelling/detecting mis-spelt words, idioms & phrases, one word substitution, improvement of sentences, active/passive voice of verbs, conversion into direct/indirect narration, shuffling of sentence parts, shuffling of sentences in a passage, close passage & comprehension passage.

(iv) General Awareness / Current affairs: (Marks 05)

Questions in this component will be - general awareness of the environment around us and its application to society, knowledge of current events and of such matters of every day observations and experience in their scientific aspect, related to India and its neighbouring countries especially pertaining History, Culture, Geography, Economic Scene, General Polity including Indian Constitution & Scientific Research.