



Parvatibai Chowgule College of Arts and Science
(Autonomous)

Accredited by NAAC with Grade 'A+'
Best Affiliated College-Goa University Silver Jubilee Year Award



SCREENING TEST FOR RECRUITMENT OF LABORATORY ASSISTANT

The candidates are requested to appear for a Skill Test and a subsequent Written Test scheduled on 04/03/2023 for the post of Laboratory Assistant in the College. The Skill Test is only for screening eligible candidates to be selected for Written Test. Only the selected candidates who have qualified the Skill Test will be allowed to answer the Written Test which is to be held immediately after the declaration of Skill Test results.

Subsequently the candidates will be shortlisted based on their performance in the Written Test. **However, only those candidates who have secured minimum 40% in Section A (Konkani Language) will be considered for shortlisting.** In the event of tie, such cases will be resolved by applying the following criteria in the order given below, till the tie is resolved:

- Performance in Section B
- Performance in Section C
- 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.

Candidates are required to remain present for the document and photo id verification sharp at 9.30am at the TIGERS COOP, College administrative block on Saturday, 04/03/2023.

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

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

Intimation will be through email only. No other form of intimation will be sent to the individual.

If any assistance is required, you may contact 0832-2722222 or email principal@chowgules.ac.in.

Ananya Das
Dr. Ananya Das
Offg. Principal



SCHEME OF SKILL TEST :

- Assessment will be done on Computers.
- Time allotted for the skill test is 20 minutes.
- Question paper consists of **TWO** sections.
- Test will be conducted for 20 marks using word processing and spreadsheet software.
- To qualify for the written examination, a candidate must score minimum 8 Marks out of 20 Marks.

Marking Scheme of Skill Test :

- SECTION A : Word processing software – 10 Marks
- SECTION B : Spreadsheet software -10 Marks

Syllabus for written test(MCQ) for the post of Laboratory Assistant

SCHEME OF WRITTEN EXAMINATION:

- Test will be conducted for 100 marks
- Each question carries 1 mark
- There will be 1/4 negative marks for each wrong answer
- Time allotted for the test is two hours
- Question Paper consists of 3 sections

Marking Scheme :

- SECTION A : 10 Questions
- SECTION B : 60 Questions
- SECTION C : 30 Questions

Distribution of questions shall be as follows :

SECTION	Subject	No. of MCQ	Marks
A	KONKANI LANGUAGE (Basic knowledge)	10	10
B	SCIENCE(Class 9 th to 12 th as per Goa Board)	Physics – 20 Chemistry – 20	60



		Botany – 10	
		Zoology - 10	
C	GENERAL INTELLIGENCE AND GENERAL AWARENESS	08	08
	ENGLISH LANGUAGE(Basic knowledge)	08	08
	QUANTITATIVE APTITUDE(Basic Arithmetic Skill)	06	06
	Computer Knowledge	08	08
Total :		100	100

SECTION A

KONKANI LANGUAGE (Basic knowledge)

(10 marks)

1. कोंकणी व्याकरण: लींग, एकवचन, भोववचन, काळ, वाक्यवचन (Konkani Grammar)
2. शुध्दलेखनाचे नेम (Konkani Orthography)
3. कोंकणी आंकडे. (Konkani Numbers)
4. कार्यालयीन ईंग्लिश - कोंकणी उतरावळ. (Administrative Terminology)

SECTION B

SCIENCE (Physics, Chemistry and Biology)

(60 Marks)

Knowledge based on ongoing syllabus content of Subject “Science” at the level 9th and 10th Class and of Subjects “Physics, Chemistry, Biology” at level 11th and 12th of Goa Board will be assessed at various difficulty levels.

SECTION C

GENERAL APTITUDE AND KNOWLEDGE

- GENERAL INTELLIGENCE AND GENERAL AWARENESS (8 Marks)

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.
General awareness of the environment around us and its application to society, knowledge of current events and of such matters of everyday observations and experience in their scientific aspect.

• **ENGLISH LANGUAGE (Basic knowledge)** (8 Marks)

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.

• **QUANTITATIVE APTITUDE (Basic Arithmetic skill)** (6 Marks)

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, Quadrilaterals, Regular Polygons, 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.

• **COMPUTER KNOWLEDGE** (8 Marks)

Knowledge based on handling, operating and usage of computers, Windows, MS-Office, MSWord, MS-PowerPoint, Internet Usage, MS Excel, Computer software, Computer hardware – components of computer and peripheral and their working.

