

Goa University

Syllabus and Question paper format for the Post of Junior Programmer on Contract basis.

I. Question Paper Format

1. The Written Test Question paper will be of a duration of 2.5 hours (150 mins) for a total of 100 mark and consist of two sections – Section A and Section B - assessed for 40 and 60 marks respectively. All Questions will be Multiple Choice Questions (MCQ). Candidates will have to mark the correct answer on the OMR sheet (Instructions for filling the OMR sheet shall be provided separately).
2. SECTION A shall consist of a total of 40 Questions. Each correct answer shall be awarded +1 mark and an incorrect answer shall be awarded – 0.25 mark. An un-attempted question shall be awarded 0 mark
3. SECTION B shall consist of 30 questions. Each correct answer shall be awarded +2 marks and an incorrect answer shall be awarded – 0.5 mark. An un-attempted question shall be awarded 0 mark.
4. SECTION A shall comprise of the following sub-sections:
 - A.1) Konkani Grammar and Comprehension (6 questions)
 - A.2) English Grammar and Comprehension (6 questions)
 - A.3) Academic Administration and Services of the University (6 questions)
 - A.4) Aptitude and Logical Reasoning (22questions)
5. SECTION B will cover fundamental concepts in the following topics in Computer Science (30 questions)

Software Installation and Trouble Shooting; Software Design, Development and Testing; Problem Solving ; Programming using C ; Operating Systems, Networking and Security; Web Development; Data Base Management Systems; Functionality and use of Platforms & Technologies like Linux, Windows, MySQL, Postgress, Oracle, PHP, Java , JS, Ajax, JQuery

II. Short listing criteria based on Performance in Written Test

Note: Only those candidates who have secured a minimum of 2 correct answers out of 6 will be considered for the basis of short listing.

The list will be prepared by sorting the total score obtained by the candidates in the Written Test in descending order.

Tie-Breaking - In the event of a tie, such cases will be resolved by giving higher preference to a candidates score in the following (sub) sections in the sequence given below until the tie is resolved

- i) Higher Score in Section B (Computer Science)
- ii) Higher Score in Section A.4 (Aptitude and Logical Reasoning)
- iii) Higher Score in Section A.3 (Academic Administration and Services of the University)
- iv) Higher Score in Section A.2 (English Grammar and Comprehension)

Note: Selection of candidates will be based solely on the performance at the written test. No separate interview will be held.