

## **Proposed BCA Admission Aptitude Test 2025-26**

### **Details & Syllabus**

1. The Aptitude Test score to be used for the admission to BCA programme of all the colleges.
2. BCA Programme: 12th Marks - 50% weightage and Aptitude Test Score - 50% weightage.

### **3. Aptitude Test Details.**

- Test Type: Multiple Choice, No Negative Marking
- Mode Type: Pen-Paper or Computer Based Test
- Test Duration: 75 minutes
- Total Questions: 50 (2 marks each)
- Total Marks: 100
- Quantitative Aptitude (up-to 10th level Maths) - 15 Questions
- Logical Reasoning - 15 Questions
- Computer Awareness - 10 Questions
- General Knowledge - 10 Questions
- **Detailed Syllabus**

#### **Section A: Quantitative Aptitude (15 Questions)**

- Averages, Percentage - 2 Questions
- Ratio and Proportions, Fractions - 2 Questions
- Number Series, Progressions - 3 Questions
- Area & Volume - 2 Questions
- Sets and Venn Diagrams - 2 Questions
- Time and Work - 2 Questions
- Data Interpretation - 2 Questions

#### **Section B: Logical Reasoning (15 Questions)**

- Alphanumeric series - 2 Questions
- Reasoning Analogies - 3 Questions
- Blood Relations - 2 Questions
- Pattern Series and Sequences - 2 Questions
- Seating Arrangements - 2 Questions
- Directions - 2 Questions
- Odd One Out - 2 Questions

#### **Section C: Computer Awareness (10 Questions)**

- Computer Fundamentals - Types of Computer, Computer Devices, Functions of Computer, Basic Components of Computer - 3 Questions
- Windows, Word, Excel, Powerpoint - 2 Questions
- Basic knowledge of Web Browser, Websites, Social Media, Email - 3 Questions
- Basic knowledge of Virus, Worms, Spam, Trojans and Anti-Virus - 2 Questions

#### **Section D: General Knowledge (10 Questions)**

- Well known IT Companies and its who's who - 3 Questions
- Goan culture & heritage - 3 Questions
- Important National Events 2024 - 2 Questions
- National days & dates of importance - 2 Questions

#### **4. Ranking Tie-Breaking Scheme.**

After considering all the weightage components together, if the merit rank of students are in the situation of tie, then the merit rank to be decided based on the below mentioned scheme. If the ranking tie persists even after applying the previous scheme mentioned below, then the scheme mentioned next in-the-order to be considered to decide the ranking.

- Student having higher score in the **Aptitude Test component** shall be ranked higher.
  - Student having higher score in the **12<sup>th</sup> Marks component** shall be ranked higher.
  - Student having higher score in the **Section B: Logical Reasoning** of the Aptitude Test component shall be ranked higher.
  - Student having higher score in the **Section A: Quantitative Aptitude** of the Aptitude Test component shall be ranked higher.
  - Student having higher score in the **Section C: Computer Awareness** of the Aptitude Test component shall be ranked higher.
  - Student having higher score in the **Section D: General Knowledge** of the Aptitude Test component shall be ranked higher.
  - If all the above schemes get exhausted, then suitable decision is to be taken by the admission committee of the respective college and the scheme to be indicated in the ranking list.
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