Copy of ST.Col._monogram.tif**St. Columba’s College**

Ph: (06546) 222197 (O)

(06546) 223061 (D)

**Hazaribag,Jharkhand.**

**(Post Graduate College)**

**Estd. 1899**

**NAAC Graded - B++, AICTE Approved**

**Selection Procedure of BCA programme**

Students for the admission in BCA programme will be selected through the Entrance Aptitude Test (EAT) followed by Viva-Voce.

**Structure of Entrance Aptitude Test [EAT] for BCA:**

1. **Entrance Aptitude Test (EAT)- (90 marks)**

An Entrance Aptitude Test will be conducted, comprising of 45 Multiple Choice Questions, each carrying 02 marks [Total: 90 marks] of duration 90 minutes, in 2 sections:

|  |  |  |
| --- | --- | --- |
| Section | Subjects | No of questions |
| A | Mathematics | 25 |
| B | General Ability Test | 20 |
| Total | | 45 |

Negative Marking: Each correct answer will carry 02 marks and 0.5 marks will be deducted for each wrong answer.

Note: At the time of EAT, candidates are required to bring the following:

* Application Form of Chancellor Portal with Fee Payment Receipt
* Valid Photo ID [original];
* Candidates are advised to reach the venue half an hour before the commencement of examination.

1. **Viva-Voce -(10 Marks)**

A viva-voce will be conducted for all students who will qualify EAT.

Note : At the time of Viva-voce, candidates are required to bring the following certificates for verification

* Application Form of Chancellor Portal with Fee Payment Receipt dully signed by Invigilators of EAT
* Valid Photo ID [original];
* Marksheet of 10+2 or equivalent
* Matriculation Certificate.
* 2 color recent passport size Photograph
* Caste Certificate, if applicable. [BC/SC/ST/EWS]
* PWD Certificate, if applicable.
* Residential Certificate, if applicable.

*Note: Please bring 1 set self-attested Xerox copy of all certificates with original.*

**Syllabus**

**Section A: Mathematics (25 x 2 = 50 marks)**

**Algebra** : AP, GP, HP, Theory of quadratic equations, Permutation and combination , Binomial Theorem

**Matrices** : Addition, subtraction and multiplications of matrices

**Trigonometry** : General value of trigonometrically functions, Inverse circular functions, logarithms

**Calculus**: Limit of functions, differentiation of function, Implicit function, Integration by parts, definite integration, dy/dx as a rate measurer.

**Co-ordinate** **Geometry**: Equations of straight lines

**Vector** **Analysis** : Additon of vectors, product of two vectors, static-resultant of two forces at a point inclined at an angle, triangle of forces, converse of triangle of forces,Lamas theorem, Projectiles

**Section B: General Ability Test (20 x 2 = 40 Marks)**

Computer Basics, General Science, General Studies, English and Reasoning (verbal/non Verbal)

**Important Dates**

1. Date of EAT-2024 : 21/06/2024 (Tentative)
2. Time : 10 am to 11.30 pm
3. Venue : Vocational Building, St. Columba’s College.

4. Declaration of Result of EAT : 24/06/2024

[College website: [www.stcchzb.ac.in](http://www.stcchzb.ac.in)], Chancellor Portal &

Notice Board of the College & Department

5. Viva-Voce : 25/06/2024

6. Time & Venue of Viva-Voce : 9AM onwards in the Concerned Department

7. Date of Final Selection List : 26/06/2024

[College website: [www.stcchzb.ac.in](http://www.stcchzb.ac.in)], Chancellor Portal &

Notice Board of the College & Department

8. Online Admission through

Chancellor Portal : 27/06/2024 to 02/07/2024 (6.00 PM)

9.Date of Commencement of Class : 05/07/2024

**Required Documents for Admission**

At the time of Admission, candidates are required to bring the following certificates for verification

* Application Form of Chancellor Portal with Fee Payment Receipt
* Marksheet of 10+2 or equivalent
* Matriculation Certificate.
* Migration Certificate
* College/School Leaving Certificate
* Character Certificate
* 2 color recent passport size Photograph
* Caste Certificate, if applicable. [BC/SC/ST/EWS]
* PWD Certificate, if applicable.
* Residential Certificate, if applicable.

*Note: Please bring 2 set self-attested Xerox copy of all certificates with original.*