BIRPARA COLLEGE

Affiliated to: University of North Bengal
Government aided co education degree colleges
Accredited by NAAC

Department of Mathematics

📍**Birpara, Alipurduar,**
West Bengal, PIN-735204

birparacollege.ac.in / birparacollege.com 🌐
birparacollege@gmail.com ✉
03563-266217 📞

Ref. No: **BC/N/494**

Dept. Ref. No: **BC/MATH/25/002**
Date: **08/May/2025**

General Notice

This is to inform all students of B.Com. 2nd semester that the Internal Assessment for the subject "**Business Mathematics "**will be conducted through both Assignment Submission and Viva Voce.

Assignment Submission & Viva Date: [14/05/2025]

Viva Time: 12:00 PM | Venue: Science Department.

Assignment Questions:

1. If the xth term of an A.P. is y & y^{th} term is x; find $(x+y)^{th}$ term of that series.
2. Insert 5 Geometric Mean between 3 & 192.
3. There are 5-degree colleges in a district. In how many ways can a person send his 3 sons to colleges so that no two of them may read in the same college?
4. If $nC_{10} = nC_3$ find the value of nC_2
5. If $a^2 + b^2 = 7ab$, show that $2 \log(a-b) = \log 5 + \log a + \log b$
6. Find the difference between Simple interest & Compound interest of Rs. 3000 for 4 years at 9% p.a.

HOD
Department of Mathematics

Dr. Kaustav Chakrabarti
Principal
Birpara College