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

Department of Mathematics

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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* x^{th} term of an A.P. is y & *yth* y^{th} term is x; find *(x+y)th* $(x+y)^{th}$ 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 *nC10* $^{n}C_{10}$ = *nC3* $^{n}C_{3}$ find the value of *nC2* $^{n}C_{2}$
5. If *a2+ b2* $a^2 + b^2$ = 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