

DEPARTMENT OF MATHEMATICS, BIDHANNAGAR COLLEGE

VALUE ADDED COURSE

1. **Name of the Course: Basic Mathematics Course for Competitive Examination**
2. Nature of the Course: Add On (For all students)
3. Duration: 30 Hours
4. Module wise Detail Course Content:

Module	Topic
Module 1	Elementary Number Theory
Module 2	Elementary Number Theory
Module 3	Mean, Median, Mode calculation
Module 4	Mean, Median, Mode calculation
Module 5	Different Problems on the Concept of ratios
Module 6	Different Problems on the Concept of ratios
Module 7	Solutions of linear system of Equations
Module 8	Problems on Profit and Loss
Module 9	Problems on simple and Compound Interest
Module 10	Problems on simple and Compound Interest
Module 11	General Arithmetic on Unitary Method
Module 12	Mensuration Problems
Module 13	Geometry and related theorems
Module 14	Geometry and related theorems
Module 15	Harder problems of Factorization Technique in Algebra