

DELHI PUBLIC SCHOOL, JAMMU
SYLLABUS BIFURATION
SESSION- (2022-23)

CLASS-XII

SUBJECT: APPLIED MATHEMATICS (241)

App. Maths is a branch of Mathematics that concerns itself with mathematical methods that are typically used in science, engineering, business and industry.

Applied Mathematics also describes the professional specialty in which mathematicians work on practical problems.

Objectives of the Theory:

- *Promote understanding of basic facts and concept in App. Maths while retaining the excitement of Mathematics.*
- *Develop problem solving skills in student*
- *Acquaint student with different aspect of app. maths used in daily life.*

S.No.	Month	Topic/Chapter
1.	April	Unit-1: Numbers, Quantification and Numerical Applications
2.	May	Unit-2: Algebra
3.	July	Unit-4: Probability Distribution Unit-6: Index no.
5.	August	Unit-3(a): Differentiation and Application
6.	September	Unit-3(b): Integration and Application Unit-5: Inferential Statistics
7.	October	Unit-6: Time series Unit-8: Linear Programming
8.	November	Unit-7: Financial Maths
9.	December	1. Revision Work



10.	January	1. Project Work 2. Revision
11.	February	1. Revision a. Chapter wise quick revision of concepts b. Practice of Sample Question Papers 2. Final Board Practical Examination
12.	March	1. Revision a. Chapter wise quick revision of concepts b. Practice of Sample Question Papers

Syllabus of Formative Assessment-1

Unit-1: Numbers, Quantification

Unit-2: Algebra

SYLLABUS (HALF YEARLY EXAMINATION)

Unit-1: Numbers, Quantification

Unit-2: Algebra

Unit-3(A): Differentiation and Application

Unit-3(b): Integration and Application

Unit-4: Probability Distribution

Unit-6: Index no.

PRE BOARD –I

Unit-1: Numbers, Quantification and Numerical Applications

Unit-2: Algebra

Unit-3(a): Differentiation and Application

Unit-3(b): Integration and Application

Unit-4: Probability Distribution

Unit-5: Inferential Statistics

Unit-6: Time series

Unit-7: Financial Maths

Unit-8: Linear Programming

PRE BOARD –II



Unit-1: Numbers, Quantification and Numerical Applications

Unit-2: Algebra

Unit-3(a): Differentiation and Application

Unit-3(b): Integration and Application

Unit-4: Probability Distribution

Unit-5: Inferential Statistics

Unit-6: Time series

Unit-7: Financial Maths

Unit-8: Linear Programming

Subject Coordinator

