

**ARMY PUBLIC SCHOOL, KANDRORI**  
**SPLIT-UP SYLLABUS (Subject – MATHS)**  
**SESSION: 2022-23**  
**CLASS- XII**

<b>Months (No. of Days)</b>	<b>NAME OF CHAPTER</b>	<b>Teaching periods</b>	<b>Allocation of periods</b>	<b>ACTIVITY</b>
APRIL (23)	3. Matrices 4. Determinants 5. Continuity & Differentiability	30	10 12 08	*To find analytically the limit of a function $f(x)$ at $x = c$ and also to check the continuity of the function at that point.
MAY (16)	5. Continuity & Differentiability cont 6. Applications of Derivatives	20	10 10	*to construct an open box of maximum volume from a given rectangular sheet by cutting equal squares from each corner.
JUNE (10)	6. Applications of Derivatives 2. Inverse Trigonometric Functions	10	04 06	*drawing the graph of inverse functions using the graph of trigonometric functions and demonstrates the concept of mirror reflection.
JULY (26)	1. Relations & Functions 12. Linear Programming  <b>Revision of UT- 1 Exam</b>	32	12 10 10	*Verify that the relation R in the set L of all lines in a plane, defined by $R = \{(l,m): l \parallel m\}$ is an equivalence relation}. <b>UT-1 Exam</b>
AUG (21)	10. Vectors Algebra 11. Three Dimensional Geometry 7. Integrals	27	07 14 06	* Locate the points to given coordinates in space, measure the distance between two points in a space and then to verify the distance using distance formula.
SEPT (25)	7. Integrals (cont.) 8. Applications of Integrals <b>Revision of Half Yearly Exam</b>	30	15 08 07	* To find integration of a function using limit as a sum. <b>Half Yearly Exams</b>
OCT (13)	9. Differential Equations 13. Probability	16	09 07	* Explaining the computation of conditional probability of a given event A, when event B has already occurred, through an example of throwing a dice.

NOV (23)	13. Probability cont. <b>Revision of UT-2 Exam</b>	29	06 23	<b>UT-2 Exam</b>
DEC (25)	<b>Revision of Pre Board 1</b>	30	30	<b>Pre Board 1 Exam</b>
JAN (13)	<b>Revision of Pre Board 2</b>	16	16	<b>Pre Board 2 Exam</b>
FEB (23)	<b>Revision of Board Exam</b>	29	29	<b>FINAL PRACTICALS OF BOARD EXAM 2023</b>
MAR (26)	<b>BOARD EXAM (as per CBSE guidelines)</b>			<b>FINAL BOARD EXAM 2023</b>