

KENDRIYA VIDYALAYA IIT CHENNAI

CLASS XII - MATHEMATICS

HALF YEARLY REVISION PROBLEMS

S. No.	Chapter Name	Revision Questions
1	Matrices & Determinants	<ol style="list-style-type: none">Using Matrix method, solve the system of Linear equations in 3 variables – word ProblemsSingular MatrixEx. 4.2 – Problems 5,9,11,13,14Matrices : Misc. Ex. – Problems 7,8,9
2	Inverse Trigonometric Functions	<ol style="list-style-type: none">Examples – 4,5,12,13Misc. Ex. – Problems 10,11,12
3	Application of Derivatives	<ol style="list-style-type: none">Examples – 11,12,13Ex. 6.3 – Problems 7,10,13,20,23,25Ex. 6.5 – Problems 23,24,25Misc. Ex. – Problems 9,11,17,18
4	Indefinite Integral	<ol style="list-style-type: none">Examples – 9,10Ex. 7.4 – Problems 8,9Ex. 7.5 – Problems 10,13,17,18Ex. 7.6 – Problems 13,16,21,22
5	Definite Integral	<ol style="list-style-type: none">Examples – 32,34,35Ex. 7.11 – Problems 6,8,14,15Misc. Ex. – Problems 10,11,26,30,32
6	Application of Integrals	<ol style="list-style-type: none">Examples – 2,4,5Ex. 8.2 – Problems 3,4Misc.Ex. – Problems 10,11,12,17,18

7	Three Dimensional Geometry	1. Ex. 11.2 – Problems 13,14,15 2. Examples – 27,28,30 3. Misc.Ex. – Problems 6,10,12
8	Linear Programming	1. Ex. 12.2
9	Probability	1. Examples – 18,19,20 2. Ex. 13.3 – Problems 4,7,12 3. Ex. 13.4 – Problems 5,8 4. Ex. 13.5 – Problems 3,5,7 5. Misc. Examples – 35,36