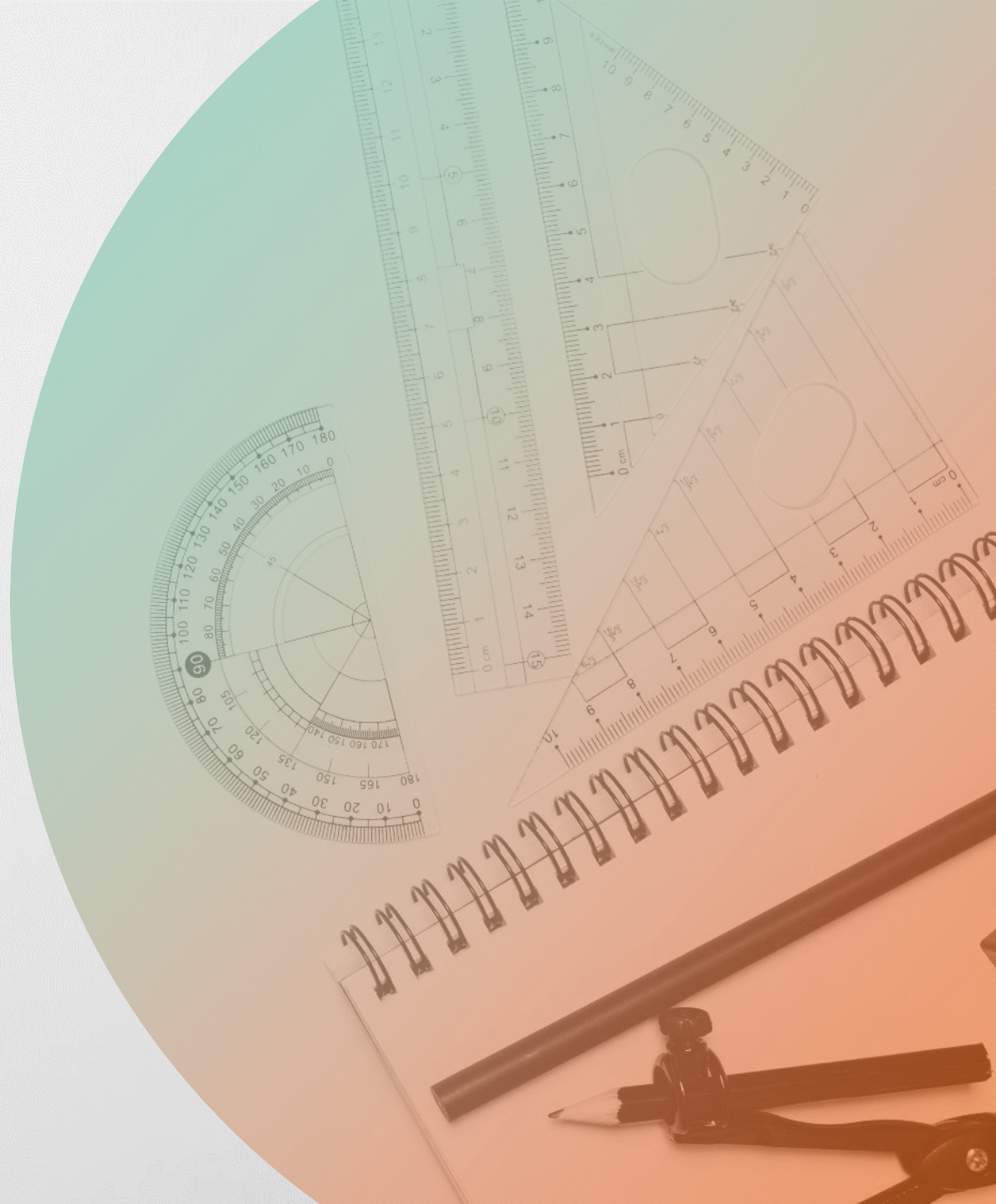




NDA

MATHS

TOPIC WISE DIVISION





UNIT WISE DIVISION OF NDA MATHS



Maths Topics	Exact number asked in exam	Marks	Weightage of topic in Maths paper
Differential Calculus and Integral calculus	24-26 Questions	60-65	20% approx.
Trigonometry	20-22 Questions	50-55	16.66%
Algebra	20-22 questions	50-55	16.66%
Statistics and Probability	10-12 Questions	25-30	8.33%
Vector Algebra	8-10 questions	20-25	6.66%
Analytical Geometry	18-20 Questions	45-50	15%
Determinant and Matrices	8-10 Questions	20-25	6.66%
Total	120 questions	300 Marks	100 percent



TOPIC WISE ANALYSIS



TOPICS (No. Of Questions)	2019		2018		2017		2016		2015	
	I	II	I	II	I	II	I	II	I	II
Exam										
ALGEBRA	46	35	36	44	34	42	36	43	33	41
Sets, Relations and Functions	8	7	8	8	5	6	5	7	9	8
Complex Numbers	5	3	2	6	6	8	7	5	6	3
Binary Numbers	1	1	-	1	1	1	1	1	2	1
Sequence and Series	4	6	7	6	8	6	3	10	2	4
Quadratic Equations and Inequations	4	4	4	4	3	6	6	6	4	3
Permutations and Combinations	3	3	4	6	2	4	3	2	2	5
Binomial Theorem	3	2	2	2	1	-	-	-	-	5
Probability	16	8	7	7	8	10	10	12	8	11
Logarithms	2	1	2	4	-	1	1	-	-	1

MATRICES & DETERMINANTS	7	5	15	3	12	9	5	7	8	8
Matrices	4	2	9	2	9	6	2	5	5	2
Determinants	3	3	6	1	3	3	3	2	3	6
TRIGONOMETRY	19	15	13	13	16	12	11	12	12	11
Trigonometric Ratios & Angles	10	8	7	9	10	6	6	9	5	4
Inverse Trigonometric Functions	4	4	3	4	3	3	2	0	4	2
Heights & Distances	1	1	2	-	2	3	-	1	2	2
Properties of Triangle	4	2	1	-	1	-	3	2	1	3
ANALYTICAL GEOMETRY OF 2D & 3D	22	24	19	22	18	21	24	27	25	26
Coordinate System and Straight Lines	8	11	5	9	9	8	9	9	8	6
Circle	2	1	2	3	2	1	5	-	-	2
Conic Section	3	4	0	2	1	4	2	7	2	2
Three Dimensional Geometry	4	2	4	3	1	1	3	6	8	7
Vector Algebra	5	6	8	5	5	7	5	5	7	9



CALCULUS	22	21	36	26	29	26	39	27	40	35
Functions	2	2	3	-	-	2	4	7	5	4
Limit, Continuity & Differentiability	4	5	11	6	13	13	7	4	8	7
Differentiation	2	1	2	1	1	3	8	7	6	3
Application Of Derivatives	1	5	4	-	3	-	6	3	5	7
Area Bounded Region	3	1	3	5	1	1	5	1	4	1
Indefinite Integral	2	3	3	4	4	2	-	-	4	3
Definite Integral	3	2	3	6	2	2	7	5	4	6
Differential Equations	5	2	7	4	5	3	2	-	4	4
STATISTICS	4	8	10	10	11	10	4	8	7	3



**THANK
YOU**