

NARAYANA GROUP OF SCHOOLS- INDIA

PRE-RMO 2019 QUESTION PAPER ANALYSIS					
Q.NO	CHAPTER	TOPIC / SUB TOPIC	DIFFICULTY LEVEL	SECTION	MARKS
1	PLANE GEOMETRY	AREA OF POLYGON	EASY	1	2
2	ALGEBRA	POLYNOMIAL	EASY	1	2
3	NUMBER THEORY	PRIME FACTOR - SUM OF DIGITS	EASY	1	2
4	PLANE GEOMETRY	POLYGON	MEDIUM	1	2
5	COMBINATORICS	COUNTING	EASY	1	2
6	NUMBER THEORY	PRIME FACTOR	MEDIUM	1	2
7	ARITHMETIC	CLOCK	HARD	2	3
8	ALGEBRA	POLYNOMIAL FACTORIZATION	MEDIUM	2	3
9	ALGEBRA	RATIONAL NUMBERS	MEDIUM	2	3
10	PLANE GEOMETRY	CIRCLES	MEDIUM	2	3
11	PLANE GEOMETRY	TRIGONOMETRY	MEDIUM	2	3
12	ALGEBRA	SEQUENCE & SERIES	HARD	2	3
13	ALGEBRA	POLYNOMIAL	HARD	2	3
14	NUMBER THEORY	PRIME FACTORIZATION & PERFECT SQUARE	MEDIUM	2	3
15	COMBINATORICS	COMBINATIONS-NO. OF WAYS	MEDIUM	2	3
16	ALGEBRA	EQUATION SOLVING	MEDIUM	2	3
17	ALGEBRA	INEQUALITY	MEDIUM	2	3
18	NUMBER THEORY	GCD AND LCM	MEDIUM	2	3
19	PLANE GEOMETRY	CIRCLES	MEDIUM	2	3
20	NUMBER THEORY	CONGRUENCE OF INTEGERS (CRT)	MEDIUM	2	3
21	NUMBER THEORY	PRIME FACTORIZATION	MEDIUM	2	3

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22	ALGEBRA	INEQUALITY	HARD	3	5
23	PLANE GEOMETRY	QUADRILATERAL (CYCLIC)	HARD	3	5
24	COMBINATORICS	COMBINATIONS-PRIME FACTORS	HARD	3	5
25	PLANE GEOMETRY	TRIANGLE	MEDIUM	3	5
26	ALGEBRA	INEQUALITY	MEDIUM	3	5
27	COMBINATORICS	PRINCIPLE OF INCLUSION-EXCLUSION	MEDIUM	3	5
28	PLANE GEOMETRY	TRIANGLE	HARD	3	5
29	PLANE GEOMETRY	TRIANGLE	MEDIUM	3	5
30	NUMBER THEORY	TRIANGLE	MEDIUM	3	5

CHAPTER	WEIGHTAGE OF MARKS	PERCENTAGE
ALGEBRA	30	29.41
ARITHMETIC	3	2.94
COMBINATORICS	15	14.71
NUMBER THEORY	21	20.59
PLANE GEOMETRY	33	32.35