

AKAL ACADEMY DHINDSA
MID TERM SYLLABUS TO BE REMOVED
(SESSION 2020-21)

CLASS – 6TH SUBJECT – MATHEMATICS

CHAPTER-1 KNOWING OUR NUMBERS	NO DELETION
CHAPTER-2 PLAYING WITH NUMBERS	EXERCISE - 2.5(Q4-Q12) EXERCISE -2.6 (Q3-Q15)
CHAPTER- 3 WHOLE NUMBERS	NO DELETION
CHAPTER -4 INTEGERS	EXERCISE- 4.2 (Q14 & Q 15)
CHAPTER -7 INTRODUCTION TO ALGEBRA	EXERCISE -7.2
CHAPTER -10 BASIC GEOMETRICAL IDEAS	NO DELETION
CHAPTER -11 UNDERSTANDING ELEMENTARY SHAPES	EXERCISE -11.4,(Q3-Q6) EXERCISE -11.6, EXERCISE -11.7,
CHAPTER -15 DATA HANDLING	NO DELETION

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Reduced syllabus plan for Mid - term exam (2020-2021)

Class – 7th

Subject – Maths

Sr. No.	Chapter name	Deleted topics
1	1.Integers	(Bodmas) Exercise 1.4 (Q 2)
2	2.Fractions	(Bodmas) Exercise 2.3 (Q4 – Q10)
3	3.Decimal	(Word problems) Exercise 3.5(Q6 – Q20)
4	4. Rational numbers	(Word problems) Exercise 4.5 (Q6 – Q13)
5	6. Algebraic expressions	Exercise 6.4(Forming general rules and formulae)
6	8.Comparing quantities	(Profit and loss), Exercise 8.5 (Q 7- Q17) (Simple interest), Exercise 8.6 (Q6-Q18)
7	9.Lines and angles	Exercise 9.3 (Transversal)
8	10.The triangle and its properties	(Pythagoras theorem) Exercise 10.2 (Q2-Q10)
9	16. Data handling	No deletion

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Reduced Syllabus
Mid Term Exam (2020-2021)
Class-VIII

Chapter Name	Topic Reduced
Ch-1 Rational Numbers	No deletion
Ch-6 Linear Equations in One variable	No deletion
Ch-12 Understanding Quadrilaterals	Special Parallelograms (Ex-12.3)
Ch-15 Area of Polygons	Area of Regular Polygon and Area of Irregular polygon(Ex 15.2)
Ch-17 Data Handling	No Deletion
Ch-3 Square and square roots	Word Problems
Ch-4 Cube and cube roots	No deletion
Ch-7 Algebraic Expression and Identities	Division (Ex-7.4)(Q3) Algebraic Identities(Ex-7.5)(Q 2)
Ch-9 Comparing Quantities	Tax (Ex-9.4)
Ch-11 Simple Interest and Compound Interest	Application of compound interest (Ex- 11.2)

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Reduced syllabus Plan for Mid - term (2020 – 2021)

Class - 9th

Subject – Maths

CHAPTERS	DELETED TOPICS
<p><u>CHAPTER 1 : NUMBER SYSTEM</u> Sub Topics : Irrational number, real number and decimal expansion, Representing real number on the number line, Operations on real numbers, laws of exponents for real numbers.</p>	<p>a) Representation of terminating / nonterminating recurring decimals on the number line through successive magnification. b) Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number. c) Definition of nth root of a real number.</p>
<p><u>CHAPTER 2 : POLYNOMIAL</u> Sub Topics : Polynomial in one variable. Zeros of a polynomial, remainder theorem. Factorization of polynomial, algebraic identities.</p>	<p>a) Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. b) $x^3+y^3+z^3-3xyz$</p>
<p><u>CHAPTER 3 : COORDINATE GEOMETRY</u> Sub Topics : Cartesian system, plotting a point in the plains if it's coordinate are given.</p>	<p>No deletion</p>
<p><u>CHAPTER 4 : LINEAR EQUATIONS IN TWO VARIABLES</u> Sub Topics: To different terminologies of linear equation and will be able to solve graphs of linear equation and solve it.</p>	<p>a) Examples, problems on Ratio and Proportion</p>
<p><u>CHAPTER 5 : EUCLID'S GEOMETRY</u> Sub Topics : Euclid's definitions, axioms and postulates, equivalent versions of Euclid's fifth postulate.</p>	<p>a) Delete the Chapter</p>

<p><u>CHAPTER 6 : LINES AND ANGLES</u> Sub Topics : Basic terms and definition intersecting and non- intersecting lines, pairs of angles parallel lines and transversal. lines parallel to the same lines, angle sum property of a triangle</p>	<p>a) No deletion</p>
<p><u>CHAPTER 7: TRIANGLES</u> Sub Topics: Congruence of triangle, criteria for congruence. Some more criteria for congruence of triangles, Inequalities of triangles, some properties of triangle.</p>	<p>a) Proof of the theorem deleted- Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence). b) Topic Deleted Triangle inequalities and relation between 'angle and facing side' inequalities in triangles</p>
<p><u>CHAPTER 11 : CONSTRUCTION</u> Sub Topics: To construct certain kinds of triangles.</p>	<p>a) Construction of a triangle of given perimeter and base angles</p>
<p><u>CHAPTER 14 : STATISTICS</u> Sub Topics: Collection of data, presentation of data, graphical representation of data</p>	<p>a) Histograms (with varying base lengths) b) Frequency polygons. c) Mean, median and mode of ungrouped data.</p>
<p><u>CHAPTER 15: PROBABILITY</u> Sub Topics: Probability an Experimental approach.</p>	<p>a) No deletion</p>

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Reduced Syllabus for Midterm (2020-21)

Class10th Subject:-Maths

<u>Chapter No</u>	<u>Chapter Name</u>	<u>Topics Removed</u>
1	Real Numbers	Euclid's division lemma
2	Polynomial	Statement and simple problems on division algorithm, for polynomials with real coefficients
3	Pair of Linear Equations in two variables	cross multiplication method
4	Quadratic Equation	Situational problems based on equations reducible to quadratic equations
5	Arithmetic Progression	Application in solving daily life problems based on sum to n-terms
6	Triangles	<p>Proof of the following theorems is deleted.</p> <p>The ratio of the areas of two similar triangles is equal to the ratio of the squares of their corresponding sides.</p> <p>In a triangle, if the square on one side is equal to sum of the squares on the other two sides, the angle opposite to the first side is a right angle.</p>
7	Co-ordinate Geometry	Area of a Triangle
8	Introduction to Trigonometry	<p>Motivate the ratios which ever are defined at 0° and 90°</p> <p>Trigonometric ratios of complementary angles</p>