



MLZS HOWRAH & MAHESHTALA

STD - IX

MATHS

2020-21

Chapters Number/Name (Red colour topics have been deleted as per CBSE guidelines)	
Periodic Test 1	<ul style="list-style-type: none">• Lesson 1: Real Numbers<ul style="list-style-type: none">• Representation of terminating / non-terminating recurring decimals on the number line through successive magnification.• 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.• Definition of nth root of a real number.• Lesson 2: Polynomials<ul style="list-style-type: none">• Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. • $x^3+y^3+z^3 -3xyz$• Lesson 3: Linear Equations in Two Variables<ul style="list-style-type: none">• Examples, problems on Ratio and Proportion• Lesson 4: Coordinate Geometry• Lesson 5: Introduction to Euclid's Geometry (Deleted)• Lesson 6: Lines and Angles
Periodic Test 2	<ul style="list-style-type: none">• Lesson 1: Real Numbers<ul style="list-style-type: none">• Representation of terminating / non-terminating recurring decimals on the number line through successive magnification.• 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.• Definition of nth root of a real number.• Lesson 2: Polynomials<ul style="list-style-type: none">• Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. • $x^3+y^3+z^3 -3xyz$• Lesson 3: Linear Equations in Two Variables<ul style="list-style-type: none">• Examples, problems on Ratio and Proportion• Lesson 4: Coordinate Geometry• Lesson 6: Lines and Angles• Lesson 7: Triangles<ul style="list-style-type: none">• 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).• Topic Deleted-Triangle inequalities and relation between 'angle and facing side'

inequalities in triangles

- Lesson 8: Quadrilaterals
- Lesson 10: Circles
 - There is one and only one circle passing through three given non-collinear points.
 - If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle.
- Lesson 12: Heron's Formula
 - Application of Heron's Formula in finding the area of a quadrilateral.
- Lesson 14: Statistics
 - Histograms (with varying base lengths)
 - Frequency polygons.
 - Mean, median and mode of ungrouped data.

Periodic
Test 3

- Lesson 1: Real Numbers
 - Representation of terminating / non-terminating recurring decimals on the number line through successive magnification.
 - 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.
 - Definition of nth root of a real number.
- Lesson 2: Polynomials
 - Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem.
 - $x^3+y^3+z^3-3xyz$
- Lesson 3: Linear Equations in Two Variables
 - Examples, problems on Ratio and Proportion
- Lesson 4: Coordinate Geometry
- Lesson 6: Lines and Angles
- Lesson 7: Triangles
 - 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).
 - Topic Deleted-Triangle inequalities and relation between 'angle and facing side' inequalities in triangles
- Lesson 8: Quadrilaterals
- Lesson 10: Circles
 - There is one and only one circle passing through three given non-collinear points.
 - If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle.
- Lesson 12: Heron's Formula
 - Application of Heron's Formula in finding the area of a quadrilateral.
- Lesson 14: Statistics
 - Histograms (with varying base lengths)
 - Frequency polygons.
 - Mean, median and mode of ungrouped data.
- Lesson 11: Constructions
 - Construction of a triangle of given perimeter and base angles

	<ul style="list-style-type: none"> • Lesson 13: Surface Areas and Volumes
<p style="text-align: center;">Yearly Examination</p>	<ul style="list-style-type: none"> • Lesson 1: Real Numbers <ul style="list-style-type: none"> • Representation of terminating / non-terminating recurring decimals on the number line through successive magnification. • 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. • Definition of nth root of a real number. • Lesson 2: Polynomials <ul style="list-style-type: none"> • Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. • $x^3+y^3+z^3 -3xyz$ • Lesson 3: Linear Equations in Two Variables <ul style="list-style-type: none"> • Examples, problems on Ratio and Proportion • Lesson 4: Coordinate Geometry • Lesson 6: Lines and Angles • Lesson 7: Triangles <ul style="list-style-type: none"> • 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). • Topic Deleted-Triangle inequalities and relation between 'angle and facing side' inequalities in triangles • Lesson 8: Quadrilaterals • Lesson 10: Circles <ul style="list-style-type: none"> • There is one and only one circle passing through three given non-collinear points. • If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle. • Lesson 12: Heron's Formula <ul style="list-style-type: none"> • Application of Heron's Formula in finding the area of a quadrilateral. • Lesson 14: Statistics <ul style="list-style-type: none"> • Histograms (with varying base lengths) • Frequency polygons. • Mean, median and mode of ungrouped data. • Lesson 11: Constructions <ul style="list-style-type: none"> • Construction of a triangle of given perimeter and base angles • Lesson 13: Surface Areas and Volumes • Lesson 15: Probability

***SUBJECT TO CHANGE AS PER CBSE GUIDELINES**