

O LEVEL

CHAPTERWISE MOCK ROUTINE

SESSION 2023 - 2024

SUBJECT : MATHEMATICS

TEACHER : DEBASHISH SAHA

TEST NO	DATE & DAY	TIME	SUBJECT	TOPIC
1	02-12-2023 Saturday	07:00 pm – 09:00 pm	Add Math	• Functions.
				• Equations, inequalities and graphs of quadratic function.
				• Simultaneous equations.
2	09-12-2023 Saturday	07:00 pm – 09:00 pm	Math D Paper 1	• Number.
				• Set language and notation.
				• Squares, square roots, cubes and cube roots.
				• Directed numbers.
				• Vulgar and decimal fractions and percentages.
				• Ordering.
				• Standard form.
				• The four operations.
				• Estimation.
				• Limits of accuracy.
				• Ratio, proportion, rate.
				• Percentages.
				• Time.
• Money.				
• Personal and small business. Finance.				
3	16-12-2023 Saturday	07:00 pm – 09:00 pm	Add Math	• Indices and surds.
				• Logarithmic and exponential functions.
				• Circular measure.

4	23-12-2023 Saturday	07:00 pm – 09:00 pm	Math D Paper 1	• Algebraic representation and formulae.
				• Algebraic manipulation
				• Indices.
				• Solutions of equations and Inequalities.
				• Graphical representation of inequalities.
				• Sequences.
				• Variation.
				• Graphs in practical situations.
5	30-12-2023 Saturday	07:00 pm – 09:00 pm	Add Math	• Factors of polynomials.
				• Straight line graphs.
				• Coordinate geometry
				• Remainder theorem
6	06-01-2024 Saturday	07:00 pm – 09:00 pm	Math D Paper 2	• Graphs of functions
				• Coordinate geometry
				• Geometrical terms
				• Geometrical constructions
				• Similarity and congruence
				• Symmetry
				• Angles
7	13-01-2024 Saturday	07:00 pm – 09:00 pm	Add Math	• Differentiation.
				• Permutations and combinations.
				• Trigonometry.
8	20-01-2024 Saturday	07:00 pm – 09:00 pm	Math D Paper 2	• Mensuration.
				• Trigonometry, Bearing.
				• Vectors in two dimensions.
				• Matrices.
				• Transformations.
				• Probability.
				• Statistics.
9	27-01-2024 Saturday	07:00 pm – 09:00 pm	Add Math	• Series.
				• Vectors in two dimensions.
				• Integrations.