

**CAREERS**360  
**PRACTICE** **Series**

# **NIOS Class 10**

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Mathematics Bifurcated Syllabus

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**Mathematics (211)**  
**Bifurcation of Syllabus**

<b>Module</b>	<b>I</b>	<b>II</b>
	<b>TMA (40% of Syllabus)</b> <b>(10 Lessons)</b>	<b>Public Examination (60% of syllabus)</b> <b>(16 Lessons)</b>
<b>Module-I</b> Algebra (7 Lesson)	1. Number system 2. Exponent and Radicals 3. Algebraic Expression and Polynomials	4. Special Product and Factorisation 5. Linear Equation 6. Quadratic Equation 7. Arithmetic Progression
<b>Module-II</b> Commercial Mathematics (2 Lesson)		8. Percentage and its Applications 9. Installment Buying
<b>Module-III</b> Geometry (10 Lesson)	10. Lines and Angle 11. Congruence of Triangle 12. Concurrent Lines 13. Quadrilaterals 14. Similarity of Triangle 15. Circle	16. Angle in a Circle and Cyclic Quadrilaterals 17. Secants, tangents and their Properties 18. Constructions 19. Co-ordinate Geometry
<b>Module-IV</b> Mensuration (2 Lesson)		20. Perimeter and Area of Plane Figure 21. Surface Area and Volume
<b>Module-V</b> Trigonometry (2 Lesson)		22. Introduction to Trigonometry 23. Trigonometric Ratio of Some Special Angle
<b>Module-VI</b> Statistics (3 Lesson)	24. Data and their Representation	25. Measure of Central Tendency 26. Introduction to Probability