



INTSO LEVEL - 1 2022 - 23 FINAL SYLLABUS

Class VI

S. No	Maths (MISO)	Science (SISO)			GISO		ETSO	ATSO	
		Physics	Chemistry	Biology	Social science	GK & Current Affairs	English	Arithmetic	Reasoning
1	1. Primary number system 2. Fundamentals on plane Geometry 3. Fundamentals on algebra 4. Divisibility criteria 5. Decimals and fractions 6. Lines and Angles	1. Motion and measurement of distances 2. Fun with magnets	1. Materials and things 2. Separation methods	1. Food: where does it come from 2. Components of food 3. Knowing about plants 4. Animals and their food	1. Basic Concepts of different Land forms. 2. Globe - A Model of the Earth 3. Basic Concepts on Democracy and Local Self - Governments	1. National Parks and Biosphere reserves of India. 2. Inventions and Discoveries 3. Quotations of Popular Personalities	1. Tenses 2. parts of speech 3. Verb forms 4. Spellings 5. Articles 6. Synonyms & Antonyms 7. Degrees of comparison 8. Active and passive voice 9. Direct and indirect speech 10. Comprehension passages	1. Number system 2. Ratio & Proportion 3. Averages	1. Number series 2. Letter series 3. Number Analogy 4. Letter Analogy 6. Non verbal series & Non verbal Analogies 7. Non verbal classification 8. Mirror images & water images

Class VII

S. No	Maths (MISO)	Science (SISO)			GISO		ETSO	ATSO	
		Physics	Chemistry	Biology	Social science	GK & Current Affairs	English	Arithmetic	Reasoning
2	1. Fractions and Decimals 2. Lines and angles 3. Triangles and its properties 4. Simple equations 5. Number system 6. Ratio - Applications	1. Motion and time 2. Electricity	1. Nature of substances - Acids, bases and salts	1. Food for health 2. Nutrition in organisms 3. Respiration and circulation 4. Weather climate and adaptation	1. The Kakatiyas 2. Vijayanagara	1. Important cities on the banks of rivers. 2. Books and Authors 3. First in world 4. The Sobriquets	1. Tenses 2. Verb forms 3. Spellings 4. Synonyms & Antonyms 5. Degrees of comparison 6. Active and passive voice 7. Direct and indirect speech 8. Subject - verb agreement 9. Question tags 10. Comprehension passages	1. Number system 2. Equations 3. Ratio & Proportion 4. Percentages	1. Number series 2. Letter series 3. Number Analogy 4. Letter Analogy 5. Odd man out 6. Coding & decoding 7. Non verbal series, Non verbal Analogies & Non verbal classification



INTSO LEVEL - 1 2022 - 23 FINAL SYLLABUS

Class VIII

S. No	Maths (MTSO)	Science (STSO)			GTSO		ETSO	ATSO	
		Physics	Chemistry	Biology	Social science	GK & Current Affairs	English	Arithmetic	Reasoning
3	1. Rational numbers 2. Linear equations in one variable 3. Square roots and cube roots 4. Area of plane figures 5. Basics on geometry 6. Exponents and powers	1. Force and pressure 2. Friction	1. synthetic fibres and plastics 2. Coal and Petroleum	1. Cell the basic unit of life 2. Microorganisms - friend and foe 3. Reproduction in animals 4. Crop production and management	1. Agriculture 2. The Indian Constitution 3. Parliament	1. Abbreviations 2. Countries - Capitals - Currencies 3. First in India 4. Chronology of Historical events in India.	1. Tenses 2. Verb forms 3. Synonyms & Antonyms 4. Degrees of comparison 5. Active and passive voice 6. Direct and indirect speech 7. Subject - verb agreement 8. Question tags 9. Idioms and phrasal verbs 10. Comprehension passages	1. Number system 2. Ratio & Proportion 3. Averages 4. Percentages 5. Profit & loss	1. Number series 2. Letter series 3. Number Analogy 4. Letter Analogy 5. Coding & decoding 6. Odd man out 7. Venn diagrams 8. Non verbal Series 9. Non verbal Analogy 10. Non verbal classification 11. Figure completion



INTSO LEVEL - 1 2022 - 23 FINAL SYLLABUS

Class IX

S.No	Maths (MTSO)	Science (STSO)			GTSO		ETSO	ATSO	
		Physics	Chemistry	Biology	Social science	GK & Current Affairs	English	Arithmetic	Reasoning
4	<ol style="list-style-type: none">1. Basic concepts on geometry2. Polynomials and factorization3. Co-ordinate geometry4. Linear equations in two variables5. Real numbers6. Lines and angles	<ol style="list-style-type: none">1. Motion2. Laws of motion	<ol style="list-style-type: none">1. Is matter pure2. Atoms and molecules	<ol style="list-style-type: none">1. Cell - The structural and functional unit2. Tissues3. Diversity in living organisms	<ol style="list-style-type: none">1. Natural Realms of the Earth (Lithosphere)2. Hydrosphere3. Democratic and nationalist Revolutions - 17, 18 & 19 centuries	<ol style="list-style-type: none">1. Scientific terms2. International Organisations3. Awards and Honours4. Computer Generations	<ol style="list-style-type: none">1. Tenses2. Synonyms & Antonyms3. Degrees of comparison4. Active and passive voice5. Direct and indirect speech6. Subject - verb agreement7. Idioms and phrasal verbs8. If - clause conditions9. Cloze test10. Comprehension passages	<ol style="list-style-type: none">1. Equations2. Ratio & Proportion3. Percentages4. Profit & loss5. Averages	<ol style="list-style-type: none">1. Number series2. Letter series3. Number Analogy4. Letter Analogy5. Coding & decoding6. Odd man out7. Venn diagrams8. Seating Arrangements9. Non verbal series10. Non verbal Analogy11. Non verbal classification12. Dot situation test



INTSO LEVEL - 1 2022 - 23 FINAL SYLLABUS

Class X

So. No	Maths (MTSO)	Science (STSO)			GTSO		ETSO	ATSO	
		Physics	Chemistry	Biology	Social science	GK & Current Affairs	English	Arithmetic	Reasoning
5	<ol style="list-style-type: none">1. Real numbers2. Polynomials3. Analytical geometry4. Basics on geometry5. Quadratic equations6. Trigonometry	<ol style="list-style-type: none">1. Light reflection and refraction2. Human eye and colourful world	<ol style="list-style-type: none">1. Acids, bases and salts2. Chemical reactions and equations	<ol style="list-style-type: none">1. Life processes (Nutrition, Respiration, Transportation, Excretion)2. Control and coordination	<ol style="list-style-type: none">1. Indian - relief features ,2. India Climate3. Indian - Rivers & water resources4. The world between world war5. The making of Independent India's Constitution6. The Independent India first 30 years (1947 - 77)	<ol style="list-style-type: none">1. Census of India - 2001, 20112. Latest ' Who is Who' in India.3. Chronology of events in Indian Freedom Movement.	<ol style="list-style-type: none">1. Tenses2. Synonyms & Antonyms3. Degrees of comparison4. Active and passive voice5. Direct and indirect speech6. Subject - verb agreement7. Idioms and phrasal verbs8. If - clause conditions9. Cloze test10. Comprehension passages	<ol style="list-style-type: none">1. Equations2. Ratio & Proportion3. Percentages4. Profit & loss5. Average6. Time & work7. Time & Distance	<ol style="list-style-type: none">1. Number series2. Letter series3. Number Analogy4. Letter Analogy5. Coding & decoding6. Odd man out7. Venn diagrams8. Seating Arrangements9. Blood Relations10. Clocks11. Calendars12. Dice13. Directions14. Non verbal series15. Non verbal Analogy16. Non verbal classification17. Counting figures