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"Mathematics is the door and key to the science, but science is a magic that works"

BSO 2023-24 & 2024-25 are significantly transformed students mindset, sparking a renewed interest in mathematics and science precedent for future achievements

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EXAM STRUCTURE (TWO LEVELS)

LEVEL- 1	LEVEL- 2
ONLINE MODE	OFFLINE MODE
14 NOVEMBER 2026	JANUARY 2027

EXAM PATTERN

Multiple Choice Questions with negative marks
MEDIUM OF EXAM : ENGLISH

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SYLLABUS FOR BSO – 2027

CLASS 5

PHYSICS



1. Sky and Space
2. Energy

CHEMISTRY



1. Solid, Liquid, Gases
2. Water
3. Air
4. Sources of energy
5. Clothes-How things are made

BIOLOGY



1. The Mystery of Food
2. Food for health
3. Seeds of Life
4. The Chain of Life

MATHEMATICS



1. Numbers-basic operations, Comparison
2. Fractions, Factors and multiples
3. Area and perimeter of rectangle and square
4. Patterns

CLASS 6

PHYSICS



1. Magnetism
2. Measurement
3. Motion in Daily Life

CHEMISTRY



1. Association of substances
2. The world of changes
3. States of matter
4. Separation of substances

BIOLOGY



1. Cell basics
2. Food and Diet
3. Plant parts
4. Human body and Movements

MATHEMATICS



1. Numbers, Fractions-basic operations
2. Decimals, Multiples & Factors
3. Angle, Volume of a cube

CLASS 7

PHYSICS



1. Electricity
2. Heat
3. Light
4. Measurement of Time and Motion

CHEMISTRY



1. Acids, Bases and Salts
2. Physical and Chemical Changes
3. Water
4. Metals and Non metals

BIOLOGY



1. Respiration in Human beings
2. Digestion in Human beings
3. Circulation in Human beings
4. Adolescence
5. Photosynthesis in plants
6. Transport in Plants

MATHEMATICS



1. Numbers, Decimals
2. Lines and angles
3. Triangles- Properties & It's Perimeter and Area
4. Ratio, Percentage
5. Simple interest
6. Exponents and powers

CLASS 8

PHYSICS



1. Units and Measurement 2. Motion and Force
3. Pressure 4. Electricity 5. Magnetism 6. Light

CHEMISTRY



1. Matter and It's Properties 2. Elements, Compounds & Mixtures 3. Metals and Non-metals 4. Acids and Bases

BIOLOGY



1. Microorganism Friend & Foe 2. Crop Production and Management 3. Conservation of Plants & Animals
4. Various Agricultural Sectors (Pest Control) 5. Reproduction Both Plants& Animals 6. Digestion,Respiration,Transportation

MATHEMATICS



1. Fractions and Decimals 2. Square and Square roots
3. Square Identities 4. Algebra 5. Linear equations in One variable
6. Money math(Percentage, Discount, Profit&Loss, Simple interest,Compound interest) 7. Polygons 8. Lines and Angles
9. Triangles and It's Properties 10. Ratio

CLASS 9

PHYSICS



1. Motion 2. Force
3. Newton's Laws of Motion

CHEMISTRY



1. Structure of Atom 2. Atomic Foundations of Matter
3. Periodic Table 4. Chemical Bonding 5. Redox Reactions
6. Chemical Kinetics 7. Exploring Mixtures and their Separations

BIOLOGY



1. Cell , Tissues 2. To Life Processes (Simple Nutrients into cell, Biomolecules,Structure of Cell Membrane,Photosynthesis) 3. Digestion & Transport of Nutrients 4. Respiration & Excretion

MATHEMATICS



1. Number system 2. Polynomials 3. Co-ordinate Geometry
4. Linear Equation in 2 Variables

CLASS 10

PHYSICS



1. Reflection of Light 2. Refraction of Light 3. Electricity
4. Motion & Laws of Motion 5. Magnetic effects of Electric current
6. Colourful Phenomena of Light

CHEMISTRY



1. Carbon and It's Compounds 2. Nomenclature of Organic compounds and Isomerism 3. Chemical reactions of Organic compounds
4. Periodic table and Electronic configuration
5. Gas Laws and Mole concept 6. Electrochemistry 7. Chemical reactions and Equations 8. Acids, Bases and Salts 9. Metals and Non-metals

BIOLOGY



1. Life Processes 2. Control and Coordination 3. Reproduction
4. Heredity and Evolution

MATHEMATICS



1. Arithmetic Progression 2. Quadratic Equations
3. Polynomials 4. Coordinate Geometry 5. Trigonometry

CASH AWARD 2027			
Rank	Cash Award	NO.of Winners	Total Amount
RANK 1	₹ 1,00,000	1	₹ 1,00,000
RANK 2	₹ 50,000	1	₹ 50,000
RANK 3	₹ 25,000	1	₹ 25,000
RANK 4 - RANK 15	₹ 10,000	12	₹ 1,20,000
RANK 16 - RANK 30	₹ 5,000	15	₹ 75,000
RANK 31- RANK 40	₹ 3,000	10	₹ 30,000
RANK 41- RANK 50	₹ 1,000	10	₹ 10,000

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