



ST. JOHN'S SCHOOL, JODHPUR

ANNUAL EXAMINATION 2023-24

CLASS – XI SCIENCE

SYLLABUS

ENGLISH CORE (301)	MATHEMATICS (041)
<p style="text-align: center;">Project Work</p> <p>Note: - The complete course covered during the 2023-24 academic session will be included in the Annual Examination.</p>	<p>Ch.1- Sets Ch.2- Relation and Function Ch.3- Trigonometric Function Ch.5 Complex Number and Quadratic Equations Ch.6 Linear Inequalities Ch.7 Permutation and Combination Ch.8 Binomial Theorem Ch.9 Sequence and Series Ch.10 - Straight Line Ch.11 - Conic Section Ch.12 - Introduction to Three Dimensional Geometry Ch.13- Limit and Derivative Ch.15- Statistics Ch.16- Probability</p>
PHYSICS (042)	CHEMISTRY (043)
<p>Ch.1 Physical World Ch.2 Unit & Dimension Ch.3 Motion in Straight Line Ch.4 Motion in a Plane Ch.5 Laws of Motion Ch.6 Work, Power & Energy Ch.7 Motion of System of Particle and Rigid Body Ch.8 Gravitation Ch.9 Mechanical Properties of Solid Ch.10 Mechanical Properties of Liquid Ch.11 Thermal Property of Matter Ch.12 Thermodynamics Ch.13 KTG Ch.14 Oscillations Ch.15 Waves</p>	<p>Unit I- Some Basic Concepts of Chemistry Unit II- Structure of Atom Unit III- Classification of Elements and Periodicity in Properties. Unit IV- Chemical Bonding and Molecular Structure Unit V – Chemical Thermodynamics Unit VI – Equilibrium Unit VII- Redox Reactions Unit VIII- Organic Chemistry, Some Basic Principles and Techniques Unit IX- Hydrocarbons</p>
BIOLOGY (044)	PHYSICAL EDUCATION(048)
<p>Ch.1 Living World Ch.2 Biological Classification Ch.3 Plant Kingdom Ch.4 Animal Kingdom Ch.5 Morphology of Flowering Plants Ch.6 Anatomy of Flowering Plants Ch.7 Structural Organisation in Animals Ch.8 Cell-The Unit of Life Ch.9 Biomolecules Ch.10 Cell Cycle and Cell Division Ch.13 Photosynthesis in Higher Plants Ch.14 Respiration in Plants Ch.15 Plants Growth and Development Ch.17 Breathing and Exchange of Gases Ch.18 Body Fluids and Circulation</p>	<p>Unit I- Changing Trends & Career In Physical Education Unit II- Olympism Unit III- Yoga Unit IV Physical Education and Sports for CWSN Unit V Physical Fitness, Health and Wellness Unit VI – Test, Measurement & Evaluation Unit VII- Fundamentals of Anatomy, Physiology in Sports Unit VIII- Fundamentals of kinesiology and Biomechanics in Sports Unit IX- Phycology & sports Unit X- Training and Doping in Sports</p>

Ch.19 Excretory Products and Their Elimination	
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Ch.20 Locomotion and Movement	
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Ch.21 Neural Control and Coordination	
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Ch.22 Chemical Coordination	
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