Rishikul Vijay Senior Secondary School
Session (2023-24)
Yearly Syllabus
Class-XI (Science)

CBSE Aff. no.1730937

Subject	Chapters	Subject	Chapters
English (Code No- 301)	**Unit Test-1** **Hornbill** The Portrait of a lady We are not afraid to die together Poem: The photograph **Snapshot** The summer of the beautiful white horse Writing Speech Grammar Sentence reordering **Unit Test -2** **Hornbill** Discovering the Saga continues Poem: The laburnum top **Snapshot** The Address Writing Advertisement Grammar Gap filling **Half-Yearly Exam** **Hornbill** The Adventure Poem: The voice of the rain **Snapshot** Mother's Day Writing Poster Grammar Gap filling **And all syllabus of UT1 and UT-2** **Unit Test -3** **Hornbill** Silk Road Poem: Childhood **Snapshot** Birth Writing Advertisement Poster Grammar Sentence reordering	**Physics (Code No- 042)**	**Unit Test -1** Chapter- 2 Units and Measurement Chapter- 3 Motion in a straight line **Unit Test -2** Chapter- 4 Motion in a plane Chapter- 5 Laws of motion **Half Yearly Exam** Chapter- 2 units and measurement Chapter- 3 Motion in a straight line Chapter- 4 Motion in a plane Chapter- 5 Laws of motion Chapter- 6 Work, Power and Energy Chapter- 7 System of particles and rotational motion Chapter- 8 Gravitation **Unit Test -3** Chapter- 9 Mechanical properties of solids Chapter- 10 Mechanical properties of solids Chapter- 11 Thermal properties of matter **Annual Exam** Chapter- 12 Thermodynamics Chapter- 13 Kinetic Theory Chapter- 14 Oscillations Chapter- 15 Waves **Complete syllabus according to CBSE**

	Annual Exam **Hornbill** Father to son **Snapshot** The tale of Melon city Writing Debate **Complete syllabus according to CBSE**		
Chemistry (Code No-043)	**Unit -Test-1** 1) Some Basic Concept Of Chemistry 2) Structure Of Atom 3) Classification Of Elements And Periodicity In Properties **Unit Test-2** 1) Chemical Bonding And Molecular Structure 2) Chemical Thermodynamics 3) Equilibrium **Half Yearly Exam** 1) Syllabus Of Unit Test I & Ii 2) Redox Reaction 3) Organic Chemistry – Some Basic Principles & Techniques **Unit Test-3** 1) Hydrocarbons **Annual Exam** **Complete Syllabus according to CBSE**	**Biology (Code No-044)**	**Unit Test -1** Chapter-1 The Living world Chapter-2 Biological classification Chapter-3 Plant kingdom **Unit Test -2** Chapter-5 Morphology of flowering plants Chapter-6 Anatomy of flowering plants Chapter-7 Structural organization in Animals **Half-yearly exam** Chapter-1 The living world Chapter-2 Biological classification Chapter-3 plant kingdom Chapter-5 morphology of flowering plants Chapter-6 Anatomy of flowering plants Chapter-7 Structural organization in animals Chapter-8 Cell - The unit of life Chapter-9 Biomolecules Chapter-10 Cell cycle and cell division **Unit Test -3** Chapter-8 Cell - The unit of life Chapter-9 Biomolecules Chapter-10 Cell cycle and cell division **Annual- Exam** Chapter-13 Photosynthesis in higher plants Chapter-14 Respiration in plants Chapter-15 Plant -growth and Development Chapter-17 Breathing and exchange of gases Chapter-18 Body fluids and circulation Chapter-19 Excretory products and their Elimination Chapter-20 locomotion and their Elimination Chapter-21. Neural control and

			coordination
			Chapter-22. Chemical coordination and integration
			Complete syllabus
Physical Education (Code No-048)	**Paper -1Theory** **Unit Test-1** Unit 1 Changing Trends & Career in PE Unit 2 Olympism **Unit Test-2** Unit 3Yoga Unit 4 Physical Education & Sports for CWSN Unit 5 Physical Fitness Health & wellness **Half Yearly** Unit 6 Test and measurement & Evaluation Unit 7 Fundamental of anatomy and physiology in sports Unit 8 Fundamental of Kinessiology and Biomechanics in sports Unit 9 Psychology and sports **Unit Test-3** Unit 10 Training and doping in sports **Annual** Unit 1 Changing Trends & Career in PE Unit 2 Olympism Unit 3Yoga Unit 4 Physical Education & Sports for CWSN Unit 5 Physical Fitness Health & wellness Unit 6 Test and measurement & Evaluation Unit 7 Fundamental of anatomy and physiology in sports Unit 8 Fundamental of Kinessiology and Biomechanics in sports Unit 9 Psychology and sports Unit 10Training and doping in sports **Paper -2 Practical** **Unit Test -2** Unit 1 Physical Fitness Test **Half Yearly Exam** Unit 2 Proficiency in Games & Sports **Unit Test -3** Unit 3 Yogic Practices **Annual** Unit 1 Physical Fitness Test Unit 2 Proficiency in Games & Sports Unit 3 Yogic Practices **Complete syllabus according to CBSE**	**Informatics Practices (Code No-065)**	**Unit Test -1** Unit 1: Introduction to Computer System **Unit Test -2** Unit 1: Introduction to Computer System Unit 2: Introduction to Python **Half Yearly Exam** Unit 1: Introduction to Computer System Unit 2: Introduction to Python Unit 3: Database concepts and the Structured Query Language **Unit Test -3** Unit 1: Introduction to Computer System Unit 2: Introduction to Python Unit 3: Database concepts and the Structured Query Language Unit 4: Introduction to the Emerging Trends **Annual Exam** Unit 1: Introduction to Computer System Unit 2: Introduction to Python Unit 3: Database concepts and the Structured Query Language Unit 4: Introduction to the Emerging Trends **Practical** Problem solving using Python programming language Creating database using MySQL and performing Queries Practical file (python programs, and SQL queries) **Complete Syllabus according to CBSE**
Maths (Code No-	**(CORE)** **Unit Test -1**		

041)	Chapter 1 – Sets Chapter 2 – Relations and Functions **Unit Test -2** Chapter 3 - Trigonometric Functions Chapter 4 - Complex Numbers and Quadratic Equations Chapter 5 - Linear Inequalities Chapter 6 - Permutations and Combinations **Half Yearly Exam** Chapter 1 – Sets Chapter 2 – Relations and Functions Chapter 3 - Trigonometric Functions Chapter 4 - Complex Numbers and Quadratic Equations Chapter 5 - Linear Inequalities Chapter 6 - Permutations and Combinations **Unit Test - 3** Chapter 7 – Binomial Theorem Chapter 8 – Sequence and Series **Annual Exam** Chapter 1 – Sets Chapter 2 – Relations and Functions Chapter 3 - Trigonometric Functions Chapter 4 - Complex Numbers and Quadratic Equations Chapter 5 - Linear Inequalities Chapter 6 - Permutations and Combinations Chapter 7 – Binomial Theorem Chapter 8 – Sequence and Series Chapter 9 – Straight Lines Chapter 10 – Conic Sections Chapter 11 - Introduction to Three-dimensional Geometry Chapter 12 - Limits and Derivatives Chapter 13 - Statistics Chapter 14 – Probability **Complete Syllabus according to CBSE**