

ST.COLUMBUS. SCHOOL
DAYAL BAGH. FBD
SYLLABUS OF CLASS XI SCIENCE (SESSION 2026-27)

Subject - English

<u>UNIT TEST – I</u>	<u>UNIT TEST- II(JULY)</u>	<u>HALF YEARLY(SEPT)</u>	<u>UNIT TEST- III(OCT)</u>	<u>ANNUAL TERM</u>
<u>Reading-Reading</u> Unseen Passage Note making <u>Advanced writing skill</u> Poster <u>Grammar</u> Rearranging sentences <u>Literature Hornbill</u> The portrait of a lady A photograph <u>Snapshots</u> The summer of the beautiful white horse	<u>Reading-Reading</u> Unseen Passage Note making <u>Advanced writing skill</u> Classified Advertisement <u>Grammar</u> Tenses Clauses Rearranging sentences <u>Literature Hornbill</u> We are Not Afraid to Die . A Photograph The laburnum top <u>Snapshots</u> The Address	<u>Reading-Reading</u> Unseen Passage Note making <u>Advanced writing skill</u> Poster Classified Advertisement Speech Writing Debate Writing <u>Grammar</u> Tenses Clauses Rearranging sentences <u>Literature Hornbill</u> The portrait of a lady The laburnum top Discovering Tut The Adventure The Voice of the rain We are Not Afraid to Die <u>Snapshots</u> The summer of the beautiful white The Address Mother’s Day	<u>Reading-Reading</u> Unseen Passage Note making <u>Advanced writing skill</u> Letter to the editor Debate Classified advertisement <u>Grammar</u> Sentence transformation Rearranging sentences Tenses <u>Literature Hornbill</u> Silk Road Childhood Father to Son <u>Snapshots</u> Birth The Tale of melon city	<u>Reading-Reading</u> Unseen Passage Note making <u>Advanced writing skill</u> UT 1,2,3 and half yearly <u>Grammar</u> UT 1,2,3 and half yearly <u>Literature Hornbill</u> UT 1,2,3 and half yearly <u>Snapshots</u> UT 1,2,3 and half yearly

Subject – Physics

<u>UNIT TEST – I</u>	<u>UNIT TEST- II(JULY)</u>	<u>HALF YEARLY(SEPT)</u>	<u>UNIT TEST – III(OCT LAST)</u>	<u>ANNUAL TERM</u>
L1. Units and Measurement L2.Motion in a straight line	L 3. Motion in a plane L4. Laws of Motion	L 1,2,3,4 L5.Work, Energy and Power L6 . System of particles & Rotational Motion L7.Gravitation	L8 Mechanical . Properties of solids L9 Mechanical . Properties of fluids L10. Thermal properties of matter	L - 1 to 10 L11. Thermodynamics L12.Kinetic theory of gases L13.Oscillations L14. Waves

Subject – Chemistry

<u>UNIT TEST – I</u>	<u>UNIT TEST- II(JULY)</u>	<u>HALF YEARLY(SEPT)</u>	<u>UNIT TEST – III(OCT LAST)</u>	<u>ANNUAL TERM</u>
2.Structure of an atom 3.Classification of elements and periodicity in properties	1. Some basic concepts of chemistry 4.Chemical bonding and molecular structure	Ch 1,2,3,4 5.Chemical Thermodynamics 7.Redox Reactions	6. Equilibrium 8. Organic Chemistry: Some basic principles and techniques	L - 1 to 8 9.Hydrocarbons

Subject – Biology

<u>UNIT TEST – I</u>	<u>UNIT TEST-II(JULY)</u>	<u>HALF YEARLY(SEPT)</u>	<u>UNIT TEST –III(OCT LAST)</u>	<u>ANNUAL TERM</u>
1.The living world 2.Biological classification 3. Plant kingdom 4. Animal Kingdom	5.Morphology of flowering plants 6.Anatomy of flowering plants 7.Structural organization in Animals	Ch 1 to 7 8- cell 9- Biomolecules 10- Cell cycle and division	11.Photosynthesis in higher plants 12.Respiration in plants 13.Plants growth and development	L – 1 to 13 14. Breathing & exchanges of gases 15.Excretion 16. Body fluids and circulation 17.Locomotion and movement 18.Neural control & co-ordination 19.Chemical co-ordination & integration

Subject – Math

<u>UNIT TEST – I</u>	<u>UNIT TEST-II(JULY)</u>	<u>HALF YEARLY(SEPT)</u>	<u>UNIT TEST – III(OCT LAST)</u>	<u>ANNUAL TERM</u>
L1. Set Theory L3. Trigonometric Functions	L2. Relations and functions L4. Complex Number L5. Linear Inequalities L6. Permutation and combination	Ch 1 To 6 L7. Binomial Theorem L8. Straight Line	L9. Sequence and series L10.Conic section L11. 3-Dimensional geometry L12.Limits and Derivatives	L - 1 to 12 L13. Statistics L14. Probability

Subject – Computer Science

<u>UNIT TEST – I</u>	<u>UNIT TEST-II (JULY)</u>	<u>HALF YEARLY (SEPT)</u>	<u>UNIT TEST – III(OCT LAST)</u>	<u>ANNUAL TERM</u>
* Number System and Encoding * Boolean Logic and Gates	* Token and its types * Concept of Data Types * input and print Function * Comments * Basic Programming in Python * Conditional Statements	*Number System and Encoding * Boolean Logic and Gates * Concept of Data Types * Operators and Expressions * Programming Fundamentals in Python * Conditional Statements * Iterative Computations * String Handling	*String Handling * Lists * Tuple	* Computer Network *All previous chapters

Subject – Physical Education

<u>UNIT TEST – I</u>	<u>UNIT TEST-II(JULY)</u>	<u>HALF YEARLY(SEPT)</u>	<u>UNIT TEST –III(OCT LAST)</u>	<u>ANNUAL TERM</u>
1. Changing trends & career in Physical Education 2. Olympism value education.	3. Yoga 4. Physical education	Ch 1 to 4 5. Physical fitness, wellness & lifestyle 6.Test,measurements and evaluation	7. Fundamentals of Anatomy, Physiology and kinesiology in sports. 8.Fundamatalts of kinesiology and Biomechanics in sports	Ch 1 to 8 9. Psychology & sports 10. Training and doping in sports

Subject – Music

UNIT TEST – I (MAY)	UNIT TEST-II (JULY)	HALF YEARLY (SEPT)	UNIT TEST-III (OCT LAST)	ANNUAL EXAM
1) निम्नलिखित का संक्षिप्त विवरण: थाट, जाति 2) निम्नलिखित का संक्षिप्त अध्ययन: मार्गी- देसी, राग 3) ताल संकेतन सहित पाठ्यक्रम में निर्धारित तालों का वर्णन ठाह, दुगुन और चौगुन के साथ करें: एकताल और चौताल	1) निम्नलिखित का संक्षिप्त विवरण: नाद, श्रुति, स्वर, सप्तक लय, ताल। 2) तानपुरा की संरचना। 3) निम्नलिखित का संक्षिप्त इतिहास: ध्रुपद, ख्याल	1) निम्नलिखित का संक्षिप्त विवरण: नाद, श्रुति, स्वर, सप्तक, थाट, जाति, लय, ताल 2) निम्नलिखित का संक्षिप्त अध्ययन: मार्गी- देसी, राग 3) ताल संकेतन सहित पाठ्यक्रम में निर्धारित तालों का वर्णन ठाह, दुगुन और चौगुन के साथ करें: तीनताल, एकताल और चीताल 4) तानपुरा की संरचना का ज्ञान 5) निम्नलिखित का संक्षिप्त इतिहास: ध्रुपद, ख्याल और तराना	1) पाठ्यक्रम के रागों को स्वर लिपिबद्ध कर लिखें: भैरवी 2) तानसेन, वी.एन. भातखंडे और वी.डी. पलुस्कर का जीवन परिचय एवं योगदान	1) निम्नलिखित का संक्षिप्त विवरण: नाद, श्रुति, स्वर, सप्तक, थाट, जाति, लय, ताल 2) निम्नलिखित का संक्षिप्त अध्ययन: मार्गी- देसी, राग 3) ताल संकेतन सहित पाठ्यक्रम में निर्धारित तालों का वर्णन ठाह, दुगुन और चौगुन के साथ करें: तीनताल, एकताल, चौताल 4) तानपुरा की संरचना का ज्ञान 5) निम्नलिखित का संक्षिप्त इतिहास: ध्रुपद, ख्याल और तराना 6) नाट्य शास्त्र में संगीत तत्वों का संक्षिप्त अध्ययन 7) पाठ्यक्रम के रागों को स्वर लिपिबद्ध कर लिखें: बिहाग, भीमपलासी और भैरवी 8) तानसेन, वी.एन. भातखंडे और वी.डी. पलुस्कर का जीवन परिचय एवं योगदान