

DAV CENTENARY PUBLIC SCHOOL, HALDWANI**CLASS : XI-B****ACADEMIC SESSION 2024-25****UNIT TEST I**

S.No.	SUBJECT	SYLLABUS
1	ENGLISH CORE	The Portrait of a Lady, The Summer of the beautiful white horse, Advertisement
2	BIOLOGY	Unit-I Diversity of Living Organisms
3	PHYSICS	Chapter 1:Units & measurement Chapter 2:motion in a straight line
4.	CHEMISTRY	Unit 1- Some basic concept of chemistry
5	OPTIONAL SUBJECT	PAINTING(THEORY) >Prehistoric Rock Painting >Art of Indus Valley HINDI CORE पाठ 1) नमक का दारोगा पाठ 9) हम तो एक एक करि जानां पत्रकारिता,जनसंचार के प्रश्न COMPUTER SCIENCE Unit II: Computational Thinking and Programming - I Introduction to Problem-solving, Familiarization with the basics of Python programming, Knowledge of data types, Operators, Types of Expressions, Type Conversion, Types of Errors in Python Program HINDUSTANI MUSIC VOCAL(THEORY) 1. Description of Talas from your syllabus with Thah and Dugun 2. Definitions related to Music 3. Brief history of Khayal 4. Composition of Ragas from your syllabus. (Dhrut Khayal) APPLIED MATHEMATICS - Number System, Numerical Application PHYSICAL EDUCATION UNIT 1: Changing Trends and Carrier in Physical Education
6	SKILL EDUCATION SUBJECT	Medical Diagnostics Unit 1: Urinalysis (Introduction, gross examination)

UNIT TEST II

S.No.	SUBJECT	SYLLABUS
1	ENGLISH CORE	We Are Not Afraid to Die.... If We Can All Be Together, The Address, Poster
2	BIOLOGY	Unit-II Structural Organization in Plants and Animals
3	PHYSICS	Chapter 3: Motion in a plane Chapter 4: law of motion
4	CHEMISTRY	Unit 2- Structure of atom (half) Unit 3- Classification of elements and periodicity in properties.
5	OPTIONAL SUBJECT	<p><u>PAINTING(THEORY)</u> >The Art during Mauryan, Shunga, Kushana and Gupta Periods >The Art of Ajanta Caves</p> <p><u>HINDI CORE</u> पाठ 2) मियां नसीरुद्दीन पाठ 10) मेरे तो गिरधर गोपाल, दूसरो न कोई पत्रकारिता, जनसंचार के प्रश्न पत्र लेखन</p> <p><u>COMPUTER SCIENCE</u> Unit II: Computational Thinking and Programming - I Flow of Control, Conditional Statement (if Statement), Iterative statements (Types of loop-for loop, while loop).</p> <p><u>HINDUSTANI MUSIC VOCAL(THEORY)</u> 1. Brief History of Dhrupad 2. Structure of Tanpura 3. Comparative study of Ragas from your syllabus 4. Life sketch and Contribution of Indian Musicians</p> <p><u>Applied Mathematics - Algebra, Probability</u></p> <p><u>PHYSICAL EDUCATION</u> 1. Olympism Value Education 2. Yoga</p>
6	SKILL EDUCATION SUBJECT Medical Diagnostics	Medical Diagnostics Unit 1: Urinalysis (Chemical and medical examination)

HALF YEARLY EXAMINATION

S.No.	SUBJECT	SYLLABUS
1	ENGLISH CORE	Section - A Comprehension, Note making Section - B & C Advertisement, Poster, Speech, Debate, Grammar-Editing, Tenses, Jumbled words, Active and Passive words Section - C Literature Hornbill - Prose Lesson 1, 2, 3 Poetry 1, 2, 3 Supplementary Reader 1, 2, 5, 8
2	BIOLOGY	Unit-I Diversity of Living Organisms, Unit-II Structural Organization in Plants and Animals , Unit-III Cell: Structure and Function, Unit-IV Plant Physiology
3	PHYSICS	Volume 1
4	CHEMISTRY	Unit 1- Some basic concept of chemistry Unit 2- structure of atom Unit 3- Classification of elements and periodicity in properties. Unit 4- Chemical bonding and molecular structure

5	OPTIONAL SUBJECT	<p>PAINTING(THEORY) Unit-1 Introduction & Prehistoric Rock Paintings and Art of Indus Valley Unit-2 Buddhist, Jain and Hindu Art >The Art during Mauryan, Shunga, Kushana and Gupta Periods >The Art of Ajanta Caves</p> <p>HINDI CORE पाठ 3) अप् के साथ ढाई साल पाठ 4) विदाई संभाषण पाठ 5) गलता लोहा पाठ 11) घर की याद पाठ 12) चंपा काले काले अक्षर नहीं चिन्हती पाठ 1) भारतीय गायिकाओं में बेजोड़:लता मंगेशकर जनसंचार, पत्रकारिता के प्रश्न रचनात्मक लेखन स्ववृत्त लेखन</p> <p>COMPUTER SCIENCE Unit II: Computational Thinking and Programming - I Introduction to Problem-solving, Familiarization with the basics of Python programming, Knowledge of data types, Operators, Types of Expressions, Type Conversion, Types of Errors in Python Program, Flow of Control, Conditional Statement (if Statement), Iterative statements (Types of loop-for loop, while loop). Strings and String methods. Unit I: Computer Systems and Organisation Basic computer organisation, Types of software, Operating System(OS) and its functions</p> <p>HINDUSTANI MUSIC VOCAL(THEORY) 1. Brief study of musical elements in Natya Shastra 2. History of Khayal and Tarana 3. Vilambit Khayal with 2 Taans in any Raga from your syllabus 4. Detailed biography of the Indian Musicians 5. Definitions related to Music 6. Talas from your syllabus with Thah and Layakari Applied Mathematics - Number System, Algebra, Calculus, Probability</p> <p>PHYSICAL EDUCATION UNIT 1: Changing Trends and Carrier in Physical Education 2. Olympism Value Education 3. Yoga 4 Physical Education Sports For CWSN 5. Physical Fitness, Wellness and Lifestyle</p>
6	SKILL EDUCATION SUBJECT	<p>Medical Diagnostics Unit 1: Urinalysis and stool analysis</p>

UNIT TEST III

S.No.	SUBJECT	SYLLABUS
1	ENGLISH CORE	Speech/Debate, The Adventure, Silk Road, Birth, Father to son
2	BIOLOGY	Unit-V Human Physiology
3	CHEMISTRY	Unit 5- Chemical thermodynamics Unit 7- Redox reaction
4	PHYSICS	Chapter 7: Gravitation Chapter 9&10: Mechanical properties of solids & fluids
5	OPTIONAL SUBJECT	<p><u>PAINTING (THEORY)</u> >Artistic Aspects of Indian Temple Sculptures >Indian Bronze Sculptures >Some Artistic Aspects of Indo-Islamic Architecture</p> <p><u>HINDI CORE</u> पाठ 6) रजनी(गद्य खंड) पाठ 13) हे भूखामत मचल, हे मेरे जूही के फूल जैसे ईश्वर(पद्य खंड) पत्रकारिता, जनसंचार के प्रश्न कथा पटकथा</p> <p><u>COMPUTER SCIENCE</u> Unit II: Computational Thinking and Programming - I Lists and its methods, Tuples and its methods, Dictionary and its methods Unit I: Computer Systems and Organisation Boolean logic and logic gates, Number System, Encoding Schemes</p> <p><u>HINDUSTANI MUSIC VOCAL(THEORY)</u> 1. Comparative study of Ragas along with recognised Ragas 2. Detailed study of Ragas from your syllabus 3. Dhruv Khayal with 4 Taans in any Raga from your syllabus 4. Dhruvpad with Dugun Layakari</p> <p><u>Applied Mathematics - Statistics, Financial Mathematics</u></p> <p><u>PHYSICAL EDUCATION</u> 1. Test measurement and Evaluation 2. Fundamentals of Anatomy, Physiology in sport</p>
6	SKILL EDUCATION SUBJECT	Medical Diagnostics Unit II: Body fluids

ANNUAL EXAMINATION

S.No.	SUBJECT	SYLLABUS
1	ENGLISH CORE	Complete Syllabus
2	BIOLOGY	Unit-I Diversity of Living Organisms, Unit-II Structural Organization in Plants and Animals , Unit-III Cell: Structure and Function, Unit-IV Plant Physiology, Unit-V Human Physiology
3	CHEMISTRY	Unit 1- Some basic concept of chemistry Unit 2- structure of atom Unit 3- Classification of elements and periodicity in properties. Unit 4- Chemical bonding and molecular structure Unit 5- Chemical thermodynamics Unit 6- Chemical equilibrium Unit 7- Redox reaction Unit 8- Organic chemistry : some basic principles and techniques Unit 9- Hydrocarbons
4	PHYSICS	Whole syllabus
5	OPTIONAL SUBJECT	<p><u>PAINTING(THEORY)</u> Unit-I - Introduction & Prehistoric Rock Paintings and Art of Indus Valley (2500 B.C. to 1500 B.C.) Unit-II - Buddhist, Jain and Hindu Art(3rd Century B.C. to 8th century A.D.) Unit-III - Temple Sculptures, Bronzes and Artistic Aspects of Indo-Islamic Architecture (6th century A.D. to 13th century A.D.)</p> <p><u>HINDI CORE</u> पाठ 1) नमक का दारोगा पाठ 2)मियां नसीरुद्दीन पाठ 3) अपू के साथ ढाई साल पाठ 4) विदाई संभाषण पाठ 5) गलता लोहा पाठ 6) रजनी पाठ 7) जामुन का पेड़ पाठ 8) भारत माता पद्य खंड पाठ 1) हम तौ एक एक करि जानां पाठ 2) मेरे तो गिरधर गोपाल,दूसरो न कोई पाठ 3) घर की याद पाठ 4) चंपा काले काले अच्छर नहीं चिन्हती पाठ 5)गज़ल पाठ 6) हे भूख मत मचल, हे मेरे जूही के फूल जैसे ईश्वर पाठ 7) सबसे खतरनाक पाठ 8) आओ,मिलकर बचाएं वितान पुस्तिका पाठ 1) भारतीय गायिकाओं में बेजोड़:लता मंगेशकर पाठ 2) राजस्थान की रजत बूँदें पाठ 3) आलो-आधारि</p>

		<p>रचनात्मक लेखन, औपचारिक पत्र लेखन, डायरी लेखन, कथा पटकथा, स्ववृत्त लेखन, जनसंचार, पत्रकारिता के विविध आयाम, शब्दकोश</p> <p>COMPUTER SCIENCE Unit I: Computer Systems and Organisation Basic computer organisation, Types of software, Operating System(OS) and its functions, Boolean logic and logic gates, Number System, Encoding Schemes Unit II: Computational Thinking and Programming - I Introduction to Problem-solving, Familiarization with the basics of Python programming, Knowledge of data types, Operators, Types of Expressions, Type Conversion, Types of Errors in Python Program, Flow of Control, Conditional Statement (if Statement), Iterative statements (Types of loop-for loop, while loop), Introduction to Problem-solving, Familiarization with the basics of Python programming, Knowledge of data types, Operators, Types of Expressions, Type Conversion, Types of Errors in Python Program, Flow of Control, Conditional Statement (if Statement), Iterative statements (Types of loop-for loop, while loop). Strings and String methods, Lists and its methods, Tuples and its methods, Dictionary and its methods Unit III: Society, Law and Ethics Digital Footprints, Digital Society and Netizen, Data Protection, Cyber Crime, Cyber safety, Malware, E-waste management, Information Technology Act (IT Act), Technology and society</p> <p>HINDUSTANI MUSIC VOCAL (THEORY) 1. Describe Talas from your syllabus with Thah, Dugun and Chaugun 2. Composition (Vilambit Khayal and Dhruv Khayal) of Ragas from your syllabus 3. Brief History of Khayal, Tarana and Dhrupad 4. Definitions related to music 5. Detailed study of Natyashastra 6. Detailed life sketch of Indian Musicians <u>Applied Mathematics - Whole Syllabus</u></p> <p>PHYSICAL EDUCATION UNIT 1: Changing Trends and Carrier in Physical Education 2. Olympism Value Education 3. Yoga 4 Physical Education Sports For CWSN 5. Physical Fitness, Wellness and Lifestyle 6. Test measurement and Evaluation 7. Fundamentals of Anatomy, Physiology in sport 8. Fundamentals of Kinesiology, Biomechanics in sport 9. Psychology & Sport 10. Training & Doping in sports</p>
6	SKILL EDUCATION SUBJECT	<p>Medical Diagnostics Unit I: Urine and Unit II: Body fluids</p>

Please note : This curriculum is tentative and subject to change. The school reserves the right to make alterations without prior notification