

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

S.No.	SUBJECT	SYLLABUS
1	ENGLISH CORE	The Last Lesson, Lost Spring, Third Level, Notice Writing and Letter Writing.
2	BIOLOGY	Unit-VI Reproduction
3	PHYSICS	Chapter 1; Electric charges & fields Chapter 2: Electrostatic potential & capacitance
4.	CHEMISTRY	Unit 1- Solution
5	OPTIONAL SUBJECT	PAINTING > The Rajasthani School of Miniature Painting > The Pahari School of Miniature Painting > The Mughal School of Miniature Painting PHYSICAL EDUCATION Chapter 1 Management of Sports events, Chapter 2 Children & Women in Sports HINDI पाठ 1) एक गीत(पद्य खंड) पाठ 11) भक्तिन(गद्य खंड) पत्रकारिता, जनसंचार के प्रश्न COMPUTER SCIENCE Unit I: Computational Thinking and Programming – 2 Revision of Python topics covered in Class XI. Functions Exception Handling Hind. Music Vocal 1. Definitions related to music 2. Life sketch and contribution of Indian Musicians 3. Detailed introduction of Ragas from your syllabus 4. Composition's of Ragas from your syllabus. (Dhrut Khayal)

6	SKILL EDUCATION SUBJECT (Medical Diagnostics)	Medical Diagnostics: Unit 1 (Hematology): Introduction to Hematology, Anticoagulants
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UNIT TEST II

S.No.	SUBJECT	SYLLABUS
1	ENGLISH CORE	My Mother at sixty six, Deep Water, The Tiger King, Keeping Quiet, Invitation and Article
2	BIOLOGY	Unit-VII Genetics and Evolution
3	PHYSICS	Chapter 3:electric current Chapter 4:Moving charge & magnetism
4	CHEMISTRY	Unit 3- Chemical kinetics Unit 6- Haloalkanes and haloarenes
5	OPTIONAL SUBJECT	<p>PAINTING >The Deccan school of miniature painting >Introduction to the Bengal School of Painting >Study of the paintings of the Bengal School</p> <p>PHYSICAL EDUCATION Chapter 3.Yoga as preventive Measures for Lifestyle Diseases Chapter 4.Physical Education and Sports for CWSN</p> <p>HINDI पाठ 2) पतंग पाठ 3) कविता के बहाने पाठ 12) बाज़ार दर्शन अनुच्छेद लेखन,पत्र लेखन पत्रकारिता,जनसंचार के प्रश्न</p> <p>COMPUTER SCIENCE Unit II: Computer Networks Evolution of networking Data communication terminologies Transmission media Network devices Network topologies and Network types Network protocol Introduction to web services</p> <p>Hind. Music Vocal 1. Tuning of Tanpura 2. Description of Prescribed Talas along with Tala notation with That and Dugun</p>

		3. Comparative study of Ragas from your syllabus 4. Brief study of Sangeet Ratnakar and Sangeet Parijat
6	SKILL EDUCATION SUBJECT	Medical Diagnostics: Unit 1 (Hematology): Collection of blood Sample

HALF YEARLY EXAMINATION

S.No.	SUBJECT	SYLLABUS
1	ENGLISH CORE	The Last Lesson, Lost Spring, Deep Water, The Rattrap, Indigo, Poets and Pancakes, The Third Level, The Tiger King, The Enemy, My Mother At Sixty Six, Keeping Quiet, A Thing of Beauty, Notice Writing, Invitations/Replies, Letter Writing,, Article Writing, Report Writing and Comprehension.
2	BIOLOGY	Unit-VI Reproduction, Unit-VII Genetics and Evolution, Unit-VIII Biology and Human Welfare, Unit-IX Biotechnology and its Applications
3	PHYSICS	Volume 1
4	CHEMISTRY	Unit 1- Solution Unit 2- Electrochemistry Unit 3- Chemical kinetics Unit 6- Haloalkanes and haloarenes Unit 7- Alcohols, phenols and ethers

5	OPTIONAL SUBJECT	<p>PAINTING</p> <ul style="list-style-type: none"> >The Rajasthani school of miniature painting >The Pahari school of miniature painting >The Mughal school of miniature painting >The Deccan school of miniature painting >Introduction to the Bengal school of Painting >Study of the paintings of the Bengal school <p>PHYSICAL EDUCATION</p> <p>Chapter 1 Management of Sports events, Chapter 2 Children & Women in Sports Chapter 3. Yoga as preventive Measures for Lifestyle Diseases Chapter 4. Physical Education and Sports for CWSN Chapter 5. Sports and Nutrition Chapter 6. Test and Measurement in Sports Chapter 7. Physiology and Injuries in Sports.</p> <p>HINDI</p> <p>पाठ 1) एक गीत पाठ 2) पतंग पाठ 3) कविता के बहाने पाठ 4) कैमरे में बंद अपाहिज पाठ 6) उषा पाठ 11) भक्ति पाठ 12) बाजार दर्शन पाठ 13) काले मेघा पानी दे पाठ 14) पहलवान की ढोलक वितान पुस्तिका पाठ 1) सिल्वर वैडिंग</p> <p>~पत्रकारिता, जनसंचार के प्रश्नोत्तर ~रचनात्मक लेखन ~कविता, कहानी, नाटक, रेडियो नाटक के प्रश्न</p> <p>COMPUTER SCIENCE</p> <p>Unit I: Computational Thinking and Programming – 2 Revision of Python topics covered in Class XI. Functions Exception Handling Introduction to files and types of file File Handling - Text file, Binary file, CSV File Data Structure Unit II: Computer Networks Evolution of networking Data communication terminologies Transmission media Network devices Network topologies and Network types Network protocol Introduction to web services</p> <p>Hind. Music Vocal</p> <ol style="list-style-type: none"> 1. Composition's of Ragas from your syllabus. (Vilambhit Khayal) 2. Description of Prescribed Talas along with Tala notation with Thah, Tigun and Chaugun 3. Comparative study of Prescribed Ragas along with recognised Ragas 4. Any Tarana from your syllabus with the layakari of Dugun and Chaugun
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6	SKILL EDUCATION SUBJECT	Medical Diagnostics: Hematology (Full Unit), Blood Bank and Transfusion)
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UNIT TEST III

S.No.	SUBJECT	SYLLABUS
1	ENGLISH CORE	The Interview, On The Face of It , A Roadside Stand and Report Writing.
2	BIOLOGY	Unit-X Ecology and Environment
3	CHEMISTRY	Unit 8- Aldehydes, ketones and carboxylic acids.
4	PHYSICS	Chapter 9:Ray optics & optical instrument
5	OPTIONAL SUBJECT	<p>PAINTING</p> <ul style="list-style-type: none"> >Contribution of Indian Artists in the struggle for National freedom movement >Evolution of the Indian National Flag >Modern Trends in Indian Art <p>PHYSICAL EDUCATION</p> <ul style="list-style-type: none"> Chapter 8 Biomechanics and Sports Chapter 9 Psychology and Sports Chapter 10 Training in Sports <p>HINDI</p> <ul style="list-style-type: none"> पाठ 17) शिरीष के फूल(गद्य खंड) पाठ 2) जूझ(वितान पुस्तिका) ~पत्रकारिता,जनसंचार के प्रश्नोत्तर ~रचनात्मक लेखन,पत्र लेखन <p>COMPUTER SCIENCE</p> <ul style="list-style-type: none"> Unit III: Database Management Database concepts Relational Data Model Structured Query Language
6	SKILL EDUCATION SUBJECT	Medical Diagnostics: Cytopathology

PREBOARD 1 EXAMINATION

S.No.	SUBJECT	SYLLABUS
1	ENGLISH CORE	The Last Lesson, Lost Spring, Deep Water, The Rattrap, Indigo, Poets and Pancakes, The Interview, Going Places, The Third Level, The Tiger King, Journey to the End of the Earth, The Enemy, On The Face of It, Memories of Childhood, My Mother at Sixty Six, Keeping Quiet, A Thing if Beauty, A Roadside Stand, Aunt Jennifer's Tigers, Notice Writing, Invitations/Replies, Letter Writing,, Article Writing, Report Writing and Comprehension
2	BIOLOGY	Unit-VI Reproduction, Unit-VII Genetics and Evolution, Unit-VIII Biology and Human Welfare, Unit-IX Biotechnology and its Applications, Unit-X Ecology and Environment
3	CHEMISTRY	Unit 1- Solution Unit 2- Electrochemistry Unit 3- Chemical kinetics Unit 4- d and f block elements Unit 5- Coordination compounds Unit 6- Haloalkanes and haloarenes Unit 7- Alcohols, phenols and ethers Unit 8- Aldehydes, ketones and carboxylic acids. Unit 9- Amines Unit 10- Biomolecules
4	PHYSICS	Whole syllabus
5	OPTIONAL SUBJECT	PHYSICAL EDUCATION Chapter 1 Management of Sports events, Chapter 2 Children & Women in Sports Chapter 3. Yoga as preventive Measures for Lifestyle Diseases Chapter 4. Physical Education and Sports for CWSN Chapter 5. Sports and Nutrition Chapter 6. Test and Measurement in Sports Chapter 7. Physiology and Injuries in Sports. Chapter 8 Biomechanics and Sports

Chapter 9 Psychology and Sports

Chapter 10 Training in Sports

HINDI

पाठ 1) एक गीत

पाठ 2) पतंग

पाठ 3) कविता के बहाने

पाठ 4) कैमरे में बंद अपाहिज

पाठ 6) उषा

पाठ 7) बादल राग

पाठ 8) कवितावली, लक्ष्मण मूर्च्छा और राम का विलाप

पाठ 9) रूबाइयां

पाठ 10) छोटा मेरा खेत, बगुनों के पंख

पाठ 11) भक्ति

पाठ 12) बाजार दर्शन

पाठ 13) काले मेघा पानी दे

पाठ 14) पहलवान की ढोलक

पाठ 17) शिरीष के फूल

पाठ 18) श्रम विभाजन और जाति प्रथा

वितान पुस्तिका

पाठ 1) सिल्वर वैडिंग

पाठ 2) जूझ

पाठ 3) अतीत में दबे पांव

~पत्रकारिता, जनसंचार के प्रश्नोत्तर

~रचनात्मक लेखन

~कविता, कहानी, नाटक, रेडियो नाटक के प्रश्न

COMPUTER SCIENCE

Unit I: Computational Thinking and Programming – 2

Revision of Python topics covered in Class XI.

Functions

Exception Handling

Introduction to files and types of file

File Handling - Text file, Binary file, CSV File

Data Structure

Unit II: Computer Networks

Evolution of networking

Data communication terminologies

Transmission media

Network devices

Network topologies and Network types

Network protocol

Introduction to web services

Unit III: Database Management

Database concepts

Relational Data Model

Structured Query Language

Hind. Music Vocal

1. Time theory of Ragas

2. Detailed biography and contribution of Indian Musicians

3. Vilambit Khayal with 2 Taans

4. Dhruv Khayal with 4 Taans

5. Definitions related to music

6. Talas from your syllabus with Thah, Dugun, Tigan and Chaugun

6	SKILL EDUCATION SUBJECT	Medical Diagnostics: Hematology Blood bank and Transfusions Cytopathology
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PREBOARD 2 EXAMINATION

S.No.	SUBJECT	SYLLABUS
1	ENGLISH CORE	The Last Lesson, Lost Spring, Deep Water, The Rattrap, Indigo, Poets and Pancakes, The Interview, Going Places, The Third Level, The Tiger King, Journey to the End of the Earth, The Enemy, On The Face of It, Memories of Childhood, My Mother at Sixty Six, Keeping Quiet, A Thing if Beauty, A Roadside Stand, Aunt Jennifer's Tigers, Notice Writing, Invitations/Replies, Letter Writing,, Article Writing, Report Writing and Comprehension
2	BIOLOGY	Unit-VI Reproduction, Unit-VII Genetics and Evolution, Unit-VIII Biology and Human Welfare, Unit-IX Biotechnology and its Applications, Unit-X Ecology and Environment
3	CHEMISTRY	Unit 1- Solution Unit 2- Electrochemistry Unit 3- Chemical kinetics Unit 4- d and f block elements Unit 5- Coordination compounds Unit 6- Haloalkanes and haloarenes Unit 7- Alcohols, phenols and ethers Unit 8- Aldehydes, ketones and carboxylic acids. Unit 9- Amines Unit 10- Biomolecules
4	PHYSICS	Whole syllabus

OPTIONAL
SUBJECT

PHYSICAL EDUCATION

Chapter 1 Management of Sports events,
Chapter 2 Children & Women in Sports
Chapter 3. Yoga as preventive Measures for Lifestyle Diseases
Chapter 4. Physical Education and Sports for CWSN
Chapter 5. Sports and Nutrition
Chapter 6. Test and Measurement in Sports
Chapter 7. Physiology and Injuries in Sports.
Chapter 8 Biomechanics and Sports
Chapter 9 Psychology and Sports
Chapter 10 Training in Sports

HINDI

पाठ 1) एक गीत
पाठ 2) पतंग
पाठ 3) कविता के बहाने
पाठ 4) कैमरे में बंद अपाहिज
पाठ 6) उषा
पाठ 7) बादल राग
पाठ 8) कवितावली, लक्ष्मण मूर्च्छा और राम का विलाप
पाठ 9) रूबाइयां
पाठ 10) छोटा मेरा खेत, बगुलों के पंख
पाठ 11) भक्ति
पाठ 12) बाज़ार दर्शन
पाठ 13) काले मेघा पानी दे
पाठ 14) पहलवान की ढोलक
पाठ 17) शिरीष के फूल
पाठ 18) श्रम विभाजन और जाति प्रथा
वितान पुस्तिका
पाठ 1) सिल्वर वैडिंग
पाठ 2) जूझ
पाठ 3) अतीत में दबे पांव

~पत्रकारिता, जनसंचार के प्रश्नोत्तर

~रचनात्मक लेखन

~कविता, कहानी, नाटक, रेडियो नाटक के प्रश्न

COMPUTER SCIENCE

Unit I: Computational Thinking and Programming – 2

Revision of Python topics covered in Class XI.

Functions

Exception Handling

Introduction to files and types of file

File Handling - Text file, Binary file, CSV File

Data Structure

Unit II: Computer Networks

Evolution of networking

Data communication terminologies

Transmission media

Network devices

Network topologies and Network types

Network protocol

Introduction to web services

Unit III: Database Management

Database concepts

Relational Data Model

Structured Query Language

Interface of Python with an SQL database

Hind. Music Vocal

1. Method of Tuning Tanpura

2. Dhamar from your syllabus with Dugun and Chaugun

3. Detailed study of Sangeet Ratnakar and Sangeet Parijat

		<p>4. Vilambit Khayal with 2 Taans from your syllabus</p> <p>5. Dhrut Khayal with 4 Taans from your syllabus</p> <p>6. Talas from your syllabus *with Thah and Layakari</p>
6	SKILL EDUCATION SUBJECT	<p>Medical Diagnostics:</p> <p>Hematology</p> <p>Blood bank and Transfusions</p> <p>Cytopathology</p>

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