

आचार्यकुलम्

वैदिक समन्वित सी.बी.एस.ई. आवासीय शिक्षण संस्थानम्

शिक्षा  
संस्कारः



अभ्युदयः  
निश्चयसः

Acharyakulam

A Vaidic Integrated CBSE affiliated Residential(Co-ed) Educational Institute

# SYLLABUS BOOKLET

**Class - XII**

**Science**

**2023 - 2024**



अपनी आन्तरिक क्षमताओं का पूरा उपयोग करें तो हम पुरुष से महापुरुष, युगपुरुष, मानव से महामानव बन सकते हैं। - स्वामी रामदेव



जिस प्रकार दीपक का प्रकाश उसका परिचय देता है उसी प्रकार मनुष्य के कर्म उसका परिचय देते हैं।- आचार्य बालकृष्ण

Session: 2023-24  
Class: XII  
Subject: Physical Education

Exam	Number of the Chapter	Name of the Chapter	Month
UT 1	UNIT 1	Management of Sporting Events	March to May
	UNIT 3	Yoga as Preventive Measure for life style disease	
Half Yearly	UNIT 2	Children and Women in Sports	June to August
	UNIT 4	Physical Education and Sports for CWSN	
	UNIT 7	Physiology and Injuries in Sports	
UT 2	UNIT 5	Sports and Nutrition	September
	UNIT 6	Test and Measurements	
Pre Board	UNIT 8	Biomechanics and Sports	October to November
	UNIT 9	Psychology and Sports	
	UNIT 10	Training in Sports	
	All the chapters will also be included in pre-board 1 & 2		

Session - 2023-24

Class - XII

Subject : English Core

Exam	Name of the Book	Number of Chapter	Name of the Chapter	Month
UT 1	Flamingo	Chapter 1 (Fiction)	The Last Lesson	March to May
		Chapter 1 (Poem)	My Mother at Sixty-Six	
	Vistas	Chapter 1 (Fiction)	The Third Level	
		Chapter 2 (Fiction)	The Tiger King	
	Reading Skills	Reading Skills	Factual Passage	
Writing	Short Composition	Notice		
Half Yearly	Flamingo	Chapter 2 (Fiction)	Lost Spring	June to August
		Chapter 3 (Fiction)	Deep Water	
		Chapter 4 (Fiction)	The Rattrap	
		Chapter 2 (Poem)	Keeping Quiet	
		Chapter 3 (Poem)	A Thing of Beauty...	
	Vistas	Chapter 3 (Fiction)	Journey to the end of the Earth	
	Reading Skills	Reading Skills	Descriptive Passage	
			Case-based Passage	
Writing	Long Composition	Letter for Job with Bio data or Resume		
		Letter to the Editor		
UT 2	Flamingo	Chapter 5 (Fiction)	Indigo	September
		Chapter 4 (Poem)	A Roadside Stand	
	Vistas	Chapter 4 (Fiction)	The Enemy	
	Reading Skills	Reading Skills	Literary Passage	
Writing	Short Composition	Formal / Informal Invitation and Reply		
Pre Board	Flamingo	Chapter 6 (Fiction)	Poets and Pancakes	October & November
		Chapter 7 (Fiction)	The Interview	
		Chapter 8 (Fiction)	Going Places	
		Chapter 5 (Poem)	Aunt Jennifer's Tigers	
	Vistas	Chapter 5	On the Face of It	
		Chapter 6	Memories of Childhood: (1) The Cutting of My Long Hair (2) We Too are Human Beings	
	Writing	Long Composition	Article	
			Report	
	Internal Assessment	Areas	Listening Skills	
			Speaking Skills	
ALS Based Project				
All the chapters will also be included in pre-board 1 & 2				

Session - 2023-24  
Class - XII  
Subject : Chemistry

Exam	Number of the Chapter	Name of the Chapter	Month
UT 1	1	Solution	March to May
	2	Electrochemistry	
Half Yearly	3	Chemical Kinetics	June to August
	4	d & f Block Elements	
	5	Coordination Compounds	
	Class 11	General Organic Chemistry	
UT 2	6	Haloalkanes and Haloarenes	September
Pre Board		Alcohols, Phenols and Ethers	October to November
		Aldehydes, Ketones and Carboxylic Acids	
		Amines	
		Biomolecules	
	All the chapters will also be included in pre-board 1 & 2		

Session: 2023-24

Class: XII

Subject: Physics

Exam	Number of the Chapter	Name of the Chapter	Month
UT 1	Chapter-1	Electric Charges And Fields	March to May
	Chapter-2	Electrostatic Potential And Capacitance	
Half Yearly	Chapter- 3	Current Electricity	June to August
	Chapter-4	Moving Charges And Magnetism	
	Chapter-5	Magnetism and Matter	
	Chapter-6	Electromagnetic Induction	
	Chapter-7	Alternating Current	
NOTE:- Half-Yearly Syllabus includes Chapter 1 to Chapter 7			
UT 2	Chapter-8	Electromagnetic Waves	Spetember
	Chapter-9	Ray Optics And Optical Instrument	
	Chapter-10	Wave Optics	
	Chapter-11	Dual Nature of Radiation and Matter	
Pre board	Chapter-12	Atoms	October & November
	Chapter-13	Nuclei	
	Chapter-14	Semiconductor Electronics: Materials, Devices and Simple Circuits	
	All the chapters will also be inculded in pre-board 1 & 2		

Session - 2023-24

Class - XII

Subject : Sanskrit

Exam	Number of the Chapter	Name of the Chapter	Month
UT 1		व्याकरणम्—कारक—उपपदविभक्ति वाक्यरचना	March to May
		व्याकरणम्—शब्दरूपाणि धातरूपाणि च	
		व्याकरणम्—स्वरसन्धिः	
		रचनात्मककार्यम्— चित्रवर्णनम्, अनुच्छेदलेखनम्	
	पाठ— 1	अनुशासनम्	
	पाठ — 3	मातुराजा गरीयसी	
Half Yearly		व्याकरणम्—प्रत्ययाः (कृत, तद्धितस्त्री)	June to August
	पाठ — 4	प्रजानुरञ्जको नृपः	
		संस्कृत—साहित्य—परिचयः	
	पाठ— 5	दौवारिकस्य निष्ठा	
		व्याकरणम्— व्यंजनसन्धिः विसर्गसन्धिश्च	
		व्याकरणम्— समासाः	
UT 2	पाठ — 6	सूक्तिसौरभम्	September
	पाठ— 7	नैकेनापि समं गता वसुमती	
		संस्कृत—साहित्य—परिचयः	
Pre Board	पाठ — 9	मदालसा	October to November
	पाठ — 11	कार्याकार्यव्यवस्थितिः	
		रचनात्मककार्यम्— पत्रलेखनम्, कथापूर्तिः	
		अनुवादाः	
		पुनरावृत्तिः	
	All the chapters will also be included in pre-board 1 & 2		

Session - 2023-24

Class - XII

Subject : Biology

Exam	Number of the Chapter	Name of the Chapter	Month
UT 1	Chapter 1	Sexual reproduction	March to May
	Chapter 2	Human reproduction	
	Chapter 3	Reproductive health	
Half Yearly	Chapter 4	Principles of inheritance and variation.	June to August
	Chapter 5	Molecular basis of inheritance.	
	Chapter 6	Evolution	
	Chapter 7	Human Health and Diseases	
	Chapter 8	Microbes in Human Welfare	
	Chapter 1	Sexual reproduction	
	Chapter 2	Human reproduction	
	Chapter 3	Reproductive health	
UT 2	Chapter 9	Biotechnology- Principles and Processes	September
	Chapter 10	Biotechnology and its Application	
Pre Board	Chapter 11	Organisms and Populations	October to November
	Chapter 12	Ecosystem	
	Chapter 13	Biodiversity and its Conservation	
	All the chapters will also be included in pre-board 1 & 2		

# Acharyakulam

HARIDWAR



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