

# CENTRAL ACADEMY

## GROUP OF SCHOOLS

### SYLLABUS 2024-2025

## CLASS - XII

<b>SUBJECT : ENGLISH CORE (301)</b>		
NAME OF THE PRESCRIBED BOOKS : PUBLISHED BY NCERT, NEW DELHI		
1. FLAMINGO : TEXT BOOK	2. VISTAS : SUPPLEMENTARY READER	
<b>SECTION-WISE WEIGHTAGE</b>		
<b>SECTION</b>	<b>UNIT</b>	<b>TOTAL WEIGHTAGE</b>
A	READING SKILLS	22
B	WRITING	18
C	LITERATURE	40
TOTAL		80
ASSESSMENT AND PROJECT		20
GRAND TOTAL		100

MONTH	UNIT	CHAPTER/TOPICS TO BE COVERED
APRIL	READING	UNSEEN PASSAGE
	WRITING	NOTICE WRITING
		LETTER TO THE EDITOR
		JOB APPLICATION
	FLAMINGO	THE LAST LESSON
		MY MOTHER AT SIXTY-SIX (POEM)
KEEPING QUIET (POEM)		
VISTAS	THE THIRD LEVEL	
	THE TIGER KING	
MAY / JUNE	WRITING	INVITATIONS & REPLIES
	FLAMINGO	LOST SPRING
	<b>REVISION &amp; I UNIT TEST (APRIL SYLLABUS) 25 MARKS</b>	
JULY	WRITING	ARTICLE WRITING
		REPORT WRITING
	FLAMINGO	DEEP WATER
		THE RATTRAP
		A THING OF BEAUTY (POEM)
	VISTAS	JOURNEY TO THE END OF THE EARTH
THE ENEMY		
AUGUST	<b>REVISION &amp; QUARTERLY EXAMINATION (SYLLABUS FROM APRIL TO JULY) 80 MARKS</b>	
SEPTEMBER	FLAMINGO	INDIGO
		POETS & PANCAKES
		THE INTERVIEW
		A ROADSIDE STAND (POEM)
		AUNT JENNIFER'S TIGERS (POEM)
OCTOBER	VISTAS	ON THE FACE OF IT
	FLAMINGO	GOING PLACES
NOVEMBER	VISTAS	MEMORIES OF CHILDHOOD
NOVEMBER	<b>REVISION &amp; I PRE-BOARD EXAMINATION (COMPLETE SYLLABUS) 80 MARKS</b>	
DECEMBER	<b>REVISION &amp; II PRE-BOARD EXAMINATION (COMPLETE SYLLABUS) 80 MARKS</b>	

**SUBJECT : HINDI CORE(302)****परीक्षा भार विभाजन:**

अपठित ( गद्यांश एवं पद्यांश) 15 अंक
पाठ्यपुस्तक - आरोह -30 अंक
पाठ्यपुस्तक - वितान - 14 अंक
पाठ्यपुस्तक -अभिव्यक्ति और माध्यम (कार्यालयहिंदी एवं रचनात्मक लेखन) 21 अंक
कुल अंक - 80 अंक
(अ) श्रवण तथा वाचन - 10 अंक
(ब) परियोजना कार्य - 10 अंक
कुल अंक - 100 अंक

Month	CHAPTERS / TOPICS TO BE COVERED
अप्रैल	आरोह पाठ-1 हरिवंश राय बच्चन पाठ - 2 आलोक धन्वा पाठ - 3 कुँवर नारायण पाठ - 11 भक्तिन वितान - पाठ 1 सिल्वर वैडिंग अभिव्यक्ति और माध्यम - पाठ -3 विभिन्न माध्यमों के लिए लेखन पाठ -4 पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया
मई	आरोह पाठ - 4 रघुवीर सहाय पाठ 12 बाज़ार दर्शन
	UNIT TEST-1
जून	अभिव्यक्ति और माध्यम पाठ - 5 विशेष लेखन - स्वरूप और प्रकार पाठ -11 कैसे करें कहानी का नाट्य रूपांतरण * सामान्य व्याकरणिक अभ्यास कार्य * अपठित गद्यांश एवं पद्यांश
जुलाई	आरोह पाठ - 13 काले मेघा पानी दे अभिव्यक्ति और माध्यम पाठ -12 कैसे बनता है रेडियो नाटक पाठ - 13 नए और अप्रत्याशित विषयों पर लेखन
	त्रैमासिक परीक्षा हेतु पुनरावृत्ति ( अप्रैल से जुलाई पाठ्यक्रम )
अगस्त	आरोह पाठ -6 शमशेर बहादुर सिंह पाठ -7 सूर्यकांत त्रिपाठी - 'निराला' पाठ -14 पहलवान की ढोलक
सितंबर	आरोह पाठ- 8 तुलसीदास पाठ - 9 फ़िराक गोरखपुरी - 1. रुबाइयाँ पाठ - 10 उमाशंकर जोशी पाठ - 17 शिरीष के फूल वितान पाठ- 2 जूझ
अक्टूबर	आरोह पाठ -18 (1) श्रम विभाजन और जाति- प्रथा (2) मेरी कल्पना का आदर्श समाज वितान - पाठ- 3 अतीत में दबे पाँव
नवम्बर	पुनरावृत्ति एवं प्रथम प्री बोर्ड
दिसम्बर	द्वितीय प्री बोर्ड एवं आदर्श प्रश्न पत्र के समाधान

Note- All the papers will be set according to Board pattern.

SUBJECT : PHYSICS (042)					
Month	UNIT	CHAPTERS / TOPICS TO BE COVERED	UNIT TEST WEIGHTAGE	QUARTERLY WEIGHTAGE	PREBOARD WEIGHTAGE
April	I	ELECTROSTATICS	13	18	16
May	II	CURRENT ELECTRICITY	12	13	
		UNIT TEST-1	25		17
June	III	MAGNETIC EFFECTS OF CURRENT & MAGNETISM		17	
July	IV	ELECTROMAGNETIC INDUCTION		17	
	IV	ALTERNATING CURRENT			
	V	ELECTROMAGNETIC WAVES		5	
August	QUARTERLY EXAMINATION			70	18
September	VI	OPTICS			
October	VII	DUAL NATURE OF RADIATION AND MATTER			12
	VIII	ATOMS AND NUCLEI			
November	IX	ELECTRONIC DEVICES			7
		PRE-BOARD - I			70
December		PRE-BOARD - II			

Note- All the papers will be set according to Board pattern.

EXAMINATION	THEORY(MM)	PRACTICAL	MONTH(TENTATIVE)
UNIT TEST	25	-	MAY
QUARTERLY	70	30	AUGUST
PRE- BOARD I	70	30	NOVEMBER
PRE-BOARD II	70	30	DECEMBER
<b>PRACTICALS</b>			
<b>3 HOURS/30 MARKS</b>			
<b>EVALUATION SCHEME FOR EXAMINATION</b>		<b>MARKS</b>	
Two experiments one from each section		7 + 7	
Practical record [experiments and activities]		5	
One activity from one section		3	
Investigatory Project		3	
Viva on experiments, activities and project		5	
<b>TOTAL</b>		<b>30</b>	

**SUBJECT : CHEMISTRY (043)**

**Book Recommended: NCERT**  
**BOOK A - ARIHANT ALL IN ONE**

Month	UNIT	CHAPTERS / TOPICS TO BE COVERED	UNIT TEST WEIGHTAGE	QUARTERLY WEIGHTAGE	PREBOARD WEIGHTAGE
April	I	SOLUTIONS	15	10	7
	VI	HALOALKANES AND HALOARENES	10	8	6
May	VI	HALOALKANES AND HALOARENES			
UNIT TEST-1			25		
June	VII	ALCOHOLS, PHENOLS AND ETHERS		15	6
July	II	ELECTROCHEMISTRY		12	9
	III	CHEMICAL KINETICS		10	7
	IV	d AND f - BLOCK ELEMENTS		15	7
August	REVISION				
	QUARTERLY EXAMINATION			70	
	V	CO-ORDINATION COMPOUNDS			7
September	VIII	ALDEHYDES/ KETONES AND CARBOXYLIC ACID			8
	IX	AMINES			6
October	X	BIO- MOLECULES			7
I & II PRE-BOARD TOTAL					70
November		PRE-BOARD - I			
December		PRE-BOARD - II			

Note- All the papers will be set according to Board pattern.

EXAMINATION	THEORY(MM)	PRACTICAL	MONTH(TENTATIVE)
UNIT TEST	25	-	MAY
QUARTERLY	70	30	AUGUST
PRE- BOARD I	70	30	NOVEMBER
PRE-BOARD II	70	30	DECEMBER

**PRACTICALS**  
**3 HOURS/30 MARKS**

EVALUATION SCHEME FOR EXAMINATION	MARKS
VOLUMETRIC ANALYSIS	8
SALT ANALYSIS	8
CONTENT BASED EXPERIMENT	6
PROJECT WORK	4
CLASS RECORD AND VIVA	4
<b>TOTAL</b>	<b>30</b>

**SUBJECT : MATHEMATICS(041)**

**Book Recommended: NCERT  
BOOK A - RD SHARMA**

Month	BOOK	CHAPTERS / TOPICS TO BE COVERED	UNIT TEST WEIGHTAGE	QUARTERLY WEIGHTAGE	PREBOARD WEIGHTAGE
April	NCERT	RELATION AND FUNCTION	8	10	AS PER THE BOARD WEIGHTAGE
	NCERT	INVERSE TRIGONOMETRIC FUNCTION	8	10	
	NCERT	MATRICES	9	12	
May	NCERT	DETERMINANTS-1		6	
<b>UNIT TEST-1</b>			<b>25</b>		
June	NCERT	DETERMINANTS-2		6	
	NCERT	CONTINUITY AND DIFFERENTIABILITY-1		6	
July	NCERT	CONTINUITY AND DIFFERENTIABILITY-2		6	
	NCERT	APPLICATION OF DERIVATIVES		18	
	NCERT	LINEAR PROGRAMMING		6	
August	<b>QUARTERLY EXAMINATION</b>			<b>80</b>	
	NCERT	PROBABILITY			
September	NCERT	INTEGRALS			
	NCERT	APPLICATION OF INTEGRALS			
	NCERT	DIFFERENTIAL EQUATION-1			
October	NCERT	DIFFERENTIAL EQUATION-2			
	NCERT	VECTOR ALGEBRA			
	NCERT	THREE DIMENSIONAL GEOMETRY			
November	<b>PRE-BOARD - I</b>				
December	<b>PRE-BOARD - II</b>				
	<b>VIVA + PRACTICAL FILE</b>				<b>20</b>
	<b>GRAND TOTAL</b>				<b>100</b>

**Note- All the papers will be set according to Board pattern.**

EXAMINATION	THEORY(MM)	PRACTICAL	MONTH(TENTATIVE)
UNIT TEST	25		MAY
QUARTERLY	80		AUGUST
PRE- BOARD I	80		NOVEMBER
PRE- BOARD II	80		DECEMBER

**SUBJECT : BIOLOGY (044)**

**Book Recommended: NCERT**

Month	UNIT	CHAPTERS / TOPICS TO BE COVERED	UNIT TEST WEIGHTAGE	QUARTERLY WEIGHTAGE	PREBOARD WEIGHTAGE
April	VI	<b>REPRODUCTION</b>		27	<b>AS PER THE BOARD WEIGHTAGE</b>
	2	Sexual Reproduction in Flowering Plants	10		
	3	Human Reproduction	15		
May	4	Reproductive Health			
<b>UNIT TEST-1</b>			<b>25</b>		
June	VII	<b>Genetics and Evolution</b>		28	
	5	Principles of Inheritance and Variation			
July	6	Molecular Basis of Inheritance			
	7	Evolution			
	VIII	<b>Biology and Human Welfare</b>			
	8	Human Health and Diseases		15	
August	<b>QUARTERLY EXAMINATION</b>			70	
	10	Microbes in Human Welfare			
September	IX	<b>Biotechnology and its Applications</b>			
	11	Biotechnology - Principles and Processes			
	12	Biotechnology and its Application			
October	X	<b>Ecology and Environment</b>			
	13	Organisms and Populations			
	14	Ecosystem			
	15	Biodiversity and Conservation			
November	<b>PRE-BOARD - I</b>				70
December	<b>PRE-BOARD - II</b>				
	<b>VIVA + PRACTICAL FILE</b>				30
	<b>GRAND TOTAL</b>				<b>100</b>

**Note- All the papers will be set according to Board pattern.**

EXAMINATION	THEORY(MM)	PRACTICAL	MONTH (TENTATIVE)
UNIT TEST	25		MAY
QUARTERLY	70	30	AUGUST
PRE- BOARD I	70	30	NOVEMBER
PRE- BOARD II	70	30	DECEMBER

**SUBJECT : ACCOUNTANCY(055)**

Month	UNIT	CHAPTERS / TOPICS TO BE COVERED	UNIT TEST WEIGHTAGE	QUARTERLY WEIGHTAGE	PREBOARD WEIGHTAGE
April		<b>Accounting for Partnership Firms:</b>			As per syllabus provided by CBSE
	Book-1	Accounting for Partnership Firm-Fundamentals	15	15	
	Book-1	Goodwill – Nature and valuation	10	7	
May	<b>UNIT TEST-1</b>		25		
		<b>Accounting for Partnership Firms:</b>			
	Book-1	Change in profit sharing ratio		8	
June	Book-1	Admission of partner		20	
July	Book-1	Retirement of Partner		8	
	Book-1	Death of Partner		7	
	Book-1	Dissolution of Partnership Firm		15	
August	<b>QUARTERLY EXAMINATION</b>			80	
		<b>Accounting for companies</b>			
	Book-2	Accounting for share capital			
September	Book-2	Issue of Debenture			
		<b>Analysis of Financial Statement</b>			
	Book-3	Financial statements of Companies			
	Book-3	Financial statements Analysis			
October	Book-3	Comparative & Common size statements			
	Book-3	Accounting ratios			
	Book-3	Cash Flow Statement			
November	<b>Revision &amp; 1st Pre Board</b>				80
December	<b>Revision with Sample Paper &amp; 2nd Pre Board</b>				80
<b>Note- All the papers will be set according to Board pattern.</b>					
<b>EXAMINATION</b>	<b>THEORY(MM)</b>		<b>PRACTICAL</b>	<b>MONTH(TENTATIVE)</b>	
<b>UNIT TEST</b>	25		-	<b>MAY</b>	
<b>QUARTERLY</b>	80		20	<b>AUGUST</b>	
<b>PRE- BOARD I</b>	80		20	<b>NOVEMBER</b>	
<b>PRE- BOARD II</b>	80		20	<b>DECEMBER</b>	

<b>SUBJECT : ECONOMICS(030)</b>					
<b>Month</b>	<b>UNIT</b>	<b>CHAPTERS / TOPICS TO BE COVERED</b>	<b>UNIT TEST WEIGHTAGE</b>	<b>QUARTERLY WEIGHTAGE</b>	<b>PREBOARD WEIGHTAGE</b>
<b>April</b>	4	Govt. Budget and the Economy	6	10	<b>As per syllabus provided by CBSE</b>
	2	Money and banking	6	10	
<b>May</b>	6	Development Experience(1947-90) and Economic Reforms since 1991	13	20	
	<b>UNIT TEST - 1</b>		25		
<b>June</b>	7	Current Challenges facing Indian Economy (Human Capital Formation and Rural Development)		20	
<b>July</b>	1	National Income and Related Aggregates		20	
<b>August</b>	<b>QUARTERLY EXAMINATION</b>			80	
	7	Current Challenges facing Indian Economy (Employment and Sustainable Economic Development)			
<b>September</b>	3	Determination of Income and Employment			
	5	Balance of payments and Foreign exchange Rate			
<b>October</b>	8	Development Experience of India- A comparison with neighbours			
<b>November</b>	<b>Revision &amp; 1st Pre Board</b>				
<b>December</b>	<b>Revision with Sample Paper &amp; 2nd Pre Board</b>				80
	<b>PROJECT WORK</b>				20
<b>Note- All the papers will be set according to Board pattern.</b>					
<b>EXAMINATION</b>	<b>THEORY(MM)</b>		<b>PRACTICAL</b>	<b>MONTH(TENTATIVE)</b>	
<b>UNIT TEST</b>	25		-	<b>MAY</b>	
<b>QUARTERLY</b>	80		20	<b>AUGUST</b>	
<b>PRE- BOARD I</b>	80		20	<b>NOVEMBER</b>	
<b>PRE- BOARD II</b>	80		20	<b>DECEMBER</b>	



**SUBJECT : BUSINESS STUDIES(054)**  
**2024-25**

Month	UNIT	CHAPTERS / TOPICS TO BE COVERED	UNIT TEST WEIGHTAGE	QUARTERLY WEIGHTAGE	PRE-BOARD WEIGHTAGE
April	1	NATURE AND SIGNIFICANCE OF MANAGEMENT	13	10	16
	2	PRINCIPLES OF MANAGEMENT	12	10	
	3	BUSINESS ENVIRONMENT	-		
May	UNIT TEST-1		25		
May	3	BUSINESS ENVIRONMENT	-	10	
June	4	PLANNING	-	13	14
July	5	ORGANISING	-	13	
	11	MARKETING	-	14	15
	12	CONSUMER PROTECTION	-	10	
August	QUARTERLY EXAMINATION			80	
August	6	STAFFING	-	-	20
September	7	DIRECTING	-	-	
	8	CONTROLLING	-	-	
October	9	FINANCIAL MANAGEMENT	-	-	15
	10	FINANCIAL MARKET	-	-	
November		Revision & 1st Pre Board			80
December		Revision with Sample Paper & 2nd Pre Board			80

**Note- All the papers will be set according to Board pattern.**

EXAMINATION	THEORY(MM)	PRACTICAL	MONTH(TENTATIVE)
UNIT TEST	25	-	MAY
QUARTERLY	80	20	AUGUST
PRE- BOARD I	80	20	NOVEMBER
PRE- BOARD II	80	20	DECEMBER

<b>SUBJECT HISTORY (027)</b>					
<b>MONTHS</b>	<b>UNIT</b>	<b>CHAPTERS/TOPICS TO BE COVERED</b>	<b>UNIT TEST WEIGHTAGE</b>	<b>QUARTERLY WEIGHTAGE</b>	<b>PRE-BOARD WEIGHTAGE</b>
<b>APRIL</b>		<b>Themes in Indian History Part : I</b>			<b>BOOK-I 25 MARKS</b>
	<b>Theme 1</b>	<b>The Story of the First Cities: Harappan Archaeology</b>	<b>10</b>	<b>10</b>	
	<b>Theme 2</b>	<b>Political and Economic History: How Inscriptions tell a story</b>	<b>10</b>	<b>12</b>	
<b>MAY</b>	<b>Theme 3</b>	<b>Social Histories: using the Mahabharata</b>	<b>5</b>	<b>13</b>	
	<b>UNIT TEST - I</b>		<b>25</b>		
<b>JUNE</b>		<b>Themes in Indian History Part : II</b>			
	<b>Theme 4</b>	<b>A History of Buddhism: Sanchi Stupa</b>		<b>10</b>	
<b>JULY</b>	<b>Theme 5</b>	<b>Medieval Society through the eyes of travellers 'Account'</b>		<b>8</b>	<b>BOOK-II 25 MARKS</b>
	<b>Theme 6</b>	<b>Religious Histories: The Bhakti-Sufi Tradition</b>		<b>10</b>	
	<b>Theme 7</b>	<b>New Architecture: Hampi</b>		<b>12</b>	
<b>AUGUST</b>	<b>QUARTERLY EXAMINATION</b>				
	<b>Map Skills from related Themes</b>			<b>5</b>	
	<b>QUARTERLY EXAMINATION TOTAL</b>			<b>80</b>	
<b>SEPTEMBER</b>	<b>Theme 8</b>	<b>Agrarian Relations: The Ain-i-Akbari</b>			
	<b>Theme 9</b>	<b>Colonialism and Rural Society: Evidence from Official Reports</b>			<b>BOOK-III 25 MARKS</b>
<b>Theme 10</b>	<b>Rebels and the Raj</b>				
<b>OCTOBER</b>	<b>Theme 11</b>	<b>Mahatma Gandhi and the Nationalist Movement</b>			<b>MAP ITEMS 5 MARKS</b>
	<b>Theme 12</b>	<b>Framing the Constitution</b>			
<b>NOVEMBER</b>	<b>PRE-BOARD I</b>				<b>80</b>
<b>DECEMBER</b>	<b>PRE-BOARD II</b>				<b>80</b>
	<b>VIVA + PRACTICAL FILE</b>				<b>20</b>

<b>EXAMINATION SCHEDULE</b>			
<b>EXAMINATION</b>	<b>THEORY (MM)</b>	<b>PRACTICAL</b>	<b>MONTH (TENTATIVE)</b>
UNIT TEST	25	-	MAY
QUARTERLY	80	20	AUGUST
PRE-BOARD I	80	20	NOVEMBER
PRE-BOARD II	80	20	DECEMBER

<b>SUBJECT: GEOGRAPHY (029)</b>					
MONTH	UNIT	CHAPTERS/TOPICS TO BE COVERED	UNIT TEST WEIGHTAGE	QUARTERLY WEIGHTAGE	I & II PREBOARD
APRIL	BOOK- A	CHAPTER 1: HUMAN GEOGRAPHY: NATURE & SCOPE	5	4	<b>AS PER THE BOARD WEIGHTAGE</b>
	BOOK- A	CHAPTER 2: THE WORLD POPULATION- DISTRIBUTION, DENSITY AND GROWTH	7	5	
	BOOK -B	CHAPTER 1: POPULATION: DISTRIBUTION, DENSITY AND GROWTH	7	6	
	BOOK -B	CHAPTER 2: HUMAN SETTLEMENT	6	4	
MAY	<b>UNIT TEST</b>		<b>25</b>		
	BOOK -A	CHAPTER 3: HUMAN DEVELOPMENT		4	
JUNE	BOOK -A	CHAPTER 4: PRIMARY ACTIVITIES		7	
	BOOK- B	CHAPTER 3: LAND RESOURCES AND AGRICULTURE		6	
	BOOK- B	CHAPTER 4: WATER RESOURCES		6	
JULY	BOOK- B	CHAPTER 5: MINERAL AND ENERGY RESOURCES		8	
	BOOK- A	CHAPTER 5: SECONDARY ACTIVITIES		6	
	BOOK- A	CHAPTER 6: TERTIARY AND QUATERNARY ACTIVITIES		6	
	BOOK -A	CHAPTER 7: TRANSPORT AND COMMUNICATION		8	
AUGUST	<b>QUATERLY EXAMINATION</b>			<b>70</b>	
SEPTEMBER	BOOK -A	CHAPTER 8: INTERNATIONAL TRADE			
	BOOK -B	CHAPTER 6: PLANNING AND SUSTAINABLE DEVELOPMENT IN INDIAN CONTEXT			
	BOOK -B	CHAPTER 7: TRANSPORT AND COMMUNICATION			
OCTOBER	BOOK -B	CHAPTER 8: INTERNATIONAL TRADE			
	BOOK -B	CHAPTER 9: GEOGRAPHICAL PERSPECTIVE ON SELECTED ISSUES AND PROBLEMS			
NOVEMBER	<b>PRE-BOARD I</b>				
DECEMBER	<b>PRE-BOARD II</b>				

<b>EXAMINATION SCHEDULE</b>			
EXAMINATION	THEORY (MM)	PRACTICAL	MONTH (TENTATIVE)
UNIT TEST	25	-	MAY
QUARTERLY	70	30	AUGUST
PRE-BOARD I	70	30	NOVEMBER
PRE-BOARD II	70	30	DECEMBER

**SUBJECT : POLITICAL SCIENCE (028)**

**Book Recommended:**

**BOOK A - CONTEMPORARY WORLD POLITICS.**

**BOOK B - POLITICS IN INDIA SINCE INDEPENDENCE**

Month	BOOK	CHAPTERS / TOPICS TO BE COVERED	UNIT TEST WEIGHTAGE	QUARTERLY WEIGHTAGE	PREBOARD WEIGHTAGE
April	A	CH 1 END OF BIPOLARITY	5	6	<b>AS PER THE BOARD WEIGHTAGE</b>
	B	CH 1 CHALLENGES OF NATION BUILDING	8	12	
	B	CH 2 ERA OF ONE PARTY DOMINATION	4	8	
May	A	CH 2 CONTEMPORARY CENTERS OF POWER	8	6	
	A	CH 3 CONTEMPORARY SOUTH ASIA		6	
<b>UNIT TEST-1</b>			<b>25</b>		
June	B	CH 3 POLITICS OF PLANNED DEVELOPMENT		8	
July	B	CH 4 INDIA'S EXTERNAL RELATIONS		12	
	A	CH 4 INTERNATIONAL ORGANISATION		8	
	A	CH 5 SECURITY IN THE CONTEMPORARY WORLD		8	
	A	CH 6 ENVIRONMENT AND NATURAL RESOURCES		6	
August	<b>QUARTERLY EXAMINATION</b>			80	
September	B	CH 5 CHALLENGES TO AND RESTORATION OF THE CONGRESS SYSTEM			
	B	CH 6 THE CRISIS OF DEMOCRATIC ORDER			
	B	CH 7 REGIONAL ASPIRATIONS			
October	B	CH 8 RECENT DEVELOPMENTS IN INDIAN POLITICS			
	A	CH 7 GLOBALISATION			
November	<b>PRE-BOARD - I</b>				80
December	<b>PRE-BOARD - II</b>				
	<b>VIVA + PRACTICAL FILE</b>				20
	<b>GRAND TOTAL</b>				<b>100</b>

**Note- All the papers will be set according to Board pattern.**

EXAMINATION	THEORY(MM)	PRACTICAL	MONTH(TENTATIVE)
UNIT TEST	25		MAY
QUARTERLY	80		AUGUST
PRE- BOARD I	80		NOVEMBER
PRE- BOARD II	80		DECEMBER

<b>SUBJECT : PHYSICAL EDUCATION ( 048)</b>				
<b>Month</b>	<b>CHAPTERS / TOPICS TO BE COVERED</b>	<b>UNIT TEST WEIGHTAGE</b>	<b>QUARTERLY WEIGHTAGE</b>	<b>PREBOARD WEIGHTAGE</b>
April	1. MANAGEMENT OF SPORTING EVENTS.	9	10	<b>AS PER THE BOARD WEIGHTAGE</b>
	2. CHILDREN AND WOMEN IN SPORTS.	8	7	
May	3. YOGA AND PREVENTIVE MEASURE FOR LIFESTYLE DISEASE.	8	13	
<b>UNIT TEST-1</b>		<b>25</b>	<b>-</b>	
June	4. PHYSICAL EDUCATION AND SPORTS FOR CWSN (CHILDREN WITH SPECIAL NEEDS - DIVYANG)		10	
July	5. SPORTS AND NUTRITION.		15	
	6. TEST AND MEASUREMENT IN SPORTS.		15	
August	<b>QUARTERLY EXAMINATION</b>		<b>70</b>	
September	7. PHYSIOLOGY AND INJURIES IN SPORTS.			
	8. BIOMECHANICS AND SPORTS.			
October	9. PSYCHOLOGY AND SPORTS.			
	10. TRAINING IN SPORTS.			
November	PRE-BOARD - I			
December	PRE-BOARD - II			
<b>Note- All the papers will be set according to Board pattern.</b>				
<b>EXAMINATION</b>	<b>THEORY(MM)</b>	<b>PRACTICAL</b>	<b>MONTH(TENTATIVE)</b>	
UNIT TEST	25	-	MAY	
QUARTERLY	70	30	AUGUST	
PRE- BOARD I	70	30	NOVEMBER	
PRE- BOARD II	70	30	DECEMBER	

**SUBJECT : APPLIED MATHEMATICS(241)**

**Book Recommended: APC APLLIED MATHEMATICS  
BOOK A - RD SHARMA**

Month	BOOK	CHAPTERS / TOPICS TO BE COVERED	UNIT TEST WEIGHTAGE	QUARTERLY WEIGHTAGE	PREBOARD WEIGHTAGE
April	APC	Numbers, Quantification and Numerical Applications	8	12	AS PER THE BOARD WEIGHTAGE
	APC	Numerical Inequalities	8	12	
	APC	Matrices	9	12	
May	APC	Determinants-1		6	
<b>UNIT TEST-1</b>			<b>25</b>		
June	APC	Determinants-2		6	
July	APC	Differentiation		12	
	APC	Application of Derivatives		12	
	APC	Linear Programming		8	
August	<b>QUARTERLY EXAMINATION</b>			<b>80</b>	
	APC	Probability			
September	APC	Integrals			
	APC	Differential Equations			
	APC	Returns, Growth and Depreciation			
October	APC	Inferential Statistics			
	APC	Time Based Data			
	APC	Perpetuity, Sinking Funds and EMI			
November	<b>PRE-BOARD - I</b>				<b>80</b>
December	<b>PRE-BOARD - II</b>				
	<b>VIVA + PRACTICAL FILE</b>				<b>20</b>
	<b>GRAND TOTAL</b>				<b>100</b>

**Note- All the papers will be set according to Board pattern.**

EXAMINATION	THEORY(MM)	PRACTICAL	MONTH(TENTATIVE)
UNIT TEST	25		MAY
QUARTERLY	80		AUGUST
PRE- BOARD I	80		NOVEMBER
PRE- BOARD II	80		DECEMBER

**SUBJECT : ENTREPRENEURSHIP(066)**

Month	UNIT	CHAPTERS / TOPICS TO BE COVERED	UNIT TEST WEIGHTAGE	QUARTERLY WEIGHTAGE	PRE-BOARD WEIGHTAGE	
April	1	ENTREPRENEURIAL OPPORTUNITIES	25	15	UNIT 1 UNIT 2	30
May	UNIT TEST-1					
	2	ENTERPRISE PLANNING	-			
June	2	ENTERPRISE PLANNING	-	20		
July	3	ENTERPRISE MARKETING	-	20	UNIT 3 UNIT 4	20
	5	BUSINESS ARITHMETIC	-	15		
August	QUARTERLY EXAMINATION			70		
August	4	ENTERPRISE GROWTH AND STRATEGIES	-		UNIT 5 UNIT 6	20
	4	ENTERPRISE GROWTH AND STRATEGIES	-			
September	6	RESOURCE MOBILISATION	-			
October		Revision	-			
November	PRE-BOARD I					70
December	PRE-BOARD II					70
Note- All the papers will be set according to Board pattern.						
EXAMINATION	THEORY(MM)		PRACTICAL	MONTH(TENTATIVE)		
UNIT TEST	25		-	MAY		
QUARTERLY	70		30	AUGUST		
PRE- BOARD I	70		30	NOVEMBER		
PRE- BOARD II	70		30	DECEMBER		

**SUBJECT : INFORMATICS PRACTICES (065)**

**Book Recommended: Informatics Practices by Sumita Arora**

**M.M.: 70 (Theory) + 30 (Practical) Marks = 100 Marks (Total)**

MONTH	UNIT	CHAPTER/TOPICS TO BE COVERED	UNIT TEST-I WEIGHTAGE	QUARTERLY WEIGHTAGE	PREBOARD WEIGHTAGE
APRIL	UNIT 1	Python Pandas - I	25	30	25
MAY	UNIT 1	Ploting with Pyplot (Data Visualization)			
	UNIT TEST-1			25	-
JUNE	UNIT 2	Database Query using SQL: MySQL Functions	-	30	25
JULY	UNIT 2	Querying Using SQL			
		UNIT 3	Introduction to Computer Networks		10
AUGUST	QUARTERLY EXAMINATION			70	
		UNIT 3	Introduction to Internet and Web		
SEPTEMBER	UNIT 4	Societal Impacts	-		10
OCTOBER	REVISION				
NOVEMBER	PRE-BOARD - I				70
DECEMBER	PRE-BOARD - II				

**Note- All the papers will be set according to Board pattern.**

EXAMINATION	THEORY(MM)	PRACTICAL	MONTH(TENTATIVE)
UNIT TEST	25	-	MAY
QUARTERLY	70	30	AUGUST
PRE- BOARD I	70	30	NOVEMBER
PRE- BOARD II	70	30	DECEMBER

**PRACTICAL**

S.No.	Unit Name	Marks (Total=30)
1	Programs using Pandas and Matplotlib	8
2	SQL Queries	7
3	Practical file (minimum of 15 programs based on Pandas, 4 based on Matplotlib and 15 SQL queries must be included)	5
4	Project (using concepts learnt in Class XI and XII)	5
5	Viva Voce	5
<b>Total Marks</b>		<b>30</b>



**SUBJECT : COMPUTER SCIENCE (083) Syllabus - Session 2024-25**

**Book Recommended: Computer Science with PYTHON by Sumita Arora**

**M.M.: 70 (Theory) + 30 (Practical) Marks = 100 Marks (Total)**

Month	UNIT	CHAPTERS / TOPICS TO BE COVERED	UNIT TEST WEIGHTAGE	QUARTERLY WEIGHTAGE	PREBOARD WEIGHTAGE
April	I	COMPUTATIONAL THINKING & PROGRAMMING -2		55	40
		CH-1 REVISION TOUR - I	5		
		CH-2 REVISION TOUR - II	5		
		CH-3 WORKING WITH FUNCTIONS	15		
May	I	* EXCEPTION HANDLING	-		
		CH-9 DATA STRUCTURES II - STACKS USING LISTS	-		
		<b>UNIT TEST-1</b>	25		
June	I	CH-5 FILE HANDLING			
		CH-5 FILE HANDLING (Condt.)			
July	II	CH-10 COMMUNICATION & NETWORK CONCEPTS : Evolution of Network, Data Communication Terminologies, Transmission Media			
August	<b>REVISION + QUARTERLY EXAM</b>			70	
	II	CH-10 COMMUNICATION & NETWORK CONCEPTS : Remaining Portion			
September	III	DATABASE MANAGEMENT		20	
		CH-11 RELATIONAL DATABASES			
		CH-12 SIMPLE QUERIES IN SQL			
October	III	CH-13 TABLE CREATION & DATA MANIPULATION COMMANDS			
		CH-14 GROUPING RECORDS: JOINS IN SQL			
		CH-15 INTERFACE PYTHON WITH MYSQL			
<b>I &amp; II PRE-BOARD TOTAL</b>					70
November		<b>PRE-BOARD - I</b>			
December		<b>PRE-BOARD - II</b>			

**Note- All the papers will be set according to Board pattern.**

EXAMINATION	THEORY(MM)	PRACTICAL	MONTH(TENTATIVE)
UNIT TEST	25	-	MAY
QUARTERLY	70	30	AUGUST
PRE- BOARD I	70	30	NOVEMBER
PRE- BOARD II	70	30	DECEMBER

S. No.	PRACTICAL EVALUATION SCHEME FOR EXAMINATION	MARKS
1	LAB TEST:	
	1. PYTHON PROGRAM (60% LOGIC + 20% DOCUMENTATION + 20% CODE QUALITY) 2. SQL Queries (4 queries based on one or two tables).	8 4
2	REPORT FILE: i. MINIMUM 15 PYTHON PROGRAMS. ii. SQL QUERIES – MINIMUM 5 SETS USING ONE TABLE / TWO TABLES iii. MINIMUM 4 PROGRAMS PYTHON - SQL CONNECTIVITY.	7
3		<b>PROJECT WORK</b> 8
4		<b>VIVA VOCE</b> 3
		<b>TOTAL</b> 30

\* Exception Handling Chapter is not given in Computer Science (Sumita Arora)

**SUBJECT : AGRICULTURE SCIENCE (808)**

Month	UNIT	CHAPTERS / TOPICS TO BE COVERED	UNIT TEST WEIGHTAGE	QUARTERLY WEIGHTAGE	PREBOARD WEIGHTAGE
April	Unit-1	<b>(Advance Crop Production)</b>	25	15	8
		1- Food production			
		2- Soil fertility and productivity and concept of essential plant nutrients			
		3- Soil samplings and its processing			
		4- Introduction to manure, fertilizer and bio fertilizer			
		5- Concept of soil moisture availability and various irrigation methods			
	6- Method of insect, pest and disease management, chemical , biological and mechanical concept of IPM				
May	Unit-2	<b>(Organic Farming)</b>	25	8	5
		1- Concept, history and importance of Organic Farming			
		2- Present status and contribution in National economy			
		3- Important food products grown organically, Important Govt Schemes for the promotion organic farming in our country.			
<b>UNIT TEST-1</b>			25		
June	Unit-3	<b>(POST-HARVEST MANAGEMENT)</b>		15	15
		1- Post harvesting management of fruits, vegetables and flowers, cereals, pulses and oil seeds.			
		2- Status of food processing in our country			
		3- Important Govt Schemes for food sector			
July	Unit-4	<b>(Food processing and Value addition )</b>	-	12	12
		1- Principles and method of food processing and preservation. Benefits of food processing			
		2- Important value added products from fruits, vegetables, cereals, pulses and oil seeds			
August	<b>QUARTERLY EXAMINATION</b>				
September		3- Packaging, quality standards and their marketing including export		10	10
		4- Flowers and their harvesting			
		5- Concept of safe food and important food regulations			
		1- Self Management skills and Entrepreneurial skills			
October	Unit-5	<b>(Subsidiary enterprises in agriculture)</b>			10
		1- Important subsidiary enterprises based on agriculture including horticulture and their importance in the socio-economic status of an individual.			
		2- Mashroom, Their nutritional status and menthod of production			
		3- Bee-keeping and its importance			
		4- Land scaping, development and maintenance of lawns and avenue			
		5-Setting up nurseries and marketing of plant sapling and important Govt. schemes for the support of these enterprises			
<b>I &amp; II PRE-BOARD TOTAL</b>				<b>60</b>	<b>60</b>
November		<b>PRE-BOARD - I</b>			
December		<b>PRE-BOARD - II</b>			
<b>Note- All the papers will be set according to Board pattern.</b>					
<b>EXAMINATION</b>		<b>THEORY(MM)</b>	<b>PRACTICAL</b>	<b>MONTH(TENTATIVE)</b>	
UNIT TEST		25	-	MAY	
QUARTERLY		60	60	AUGUST	
PRE- BOARD I		60	60	NOVEMBER	
PRE- BOARD II		60	60	DECEMBER	

SUBJECT : HINDUSTANI MUSIC (VOCAL) (034)					
Month	UNIT	CHAPTERS / TOPICS TO BE COVERED	UNIT TEST WEIGHTAGE	QUARTERLY WEIGHTAGE	PREBOARD WEIGHTAGE
April	I	1.1 BRIEF STUDY OF : ALANKAR, KAN, MEEND, ATKA,MURKI, GAMAK.	15	6	6
May		1.2 BRIEF STUDY OF : GRAM, MURCHHANA, ALAAP, TANA.		8	
UNIT TEST-1			15		
June	II	2 HISTORICAL DEVELOPMENT OF TIME THEORY OF RAGAS.		8	6
July	III	3.1 DETAIL STUDY OF THE FOLLOWING : I. SANGEET RATNAKAR II. SANGEET PARIJAT. 3.2 LIFE SKETCH AND CONTRIBUTION OF FAIYAZ KHAN, BADE GHULAM ALI KHAN, KRISHNA RAO SHANKAR PANDIT.		8	6
August	QUARTERLY EXAMINATION			30	
September	IV	4.1 DESCRIPTION OF PRESCRIBED TALAS ALONG WITH TALA NOTATION - THAH, DUGUN, TIGUN AND CHAUGUN. 4.2 STUDY OF VARIOUS PARTS AND TUNING OF TANPURA.			6
October	V	5.1 CRITICAL STUDY OF PRESCRIBED RAGAS ALONG WITH RECOGNIZING RAGAS FROM PHRASES OF SWARAS AND ELABORATING THEM. 5.2 WRITING IN NOTATION THE COMPOSITIONS OF PRESCRIBED RAGAS.			6
November		PRE-BOARD - I			30
December		PRE-BOARD - II			
Note- All the papers will be set according to Board pattern.					
EXAMINATION		THEORY(MM)	PRACTICAL	MONTH(TENTATIVE)	
UNIT TEST		15	-	MAY	
QUARTERLY		30	70	AUGUST	
PRE- BOARD I		30	70	NOVEMBER	
PRE- BOARD II		30	70	DECEMBER	

<b>SUBJECT : HINDUSTANI MUSIC (MELODIC INSTRUMENT) ( 035)</b>				
<b>Month</b>	<b>CHAPTERS / TOPICS TO BE COVERED</b>	<b>UNIT TEST WEIGHTAGE</b>	<b>QUARTERLY WEIGHTAGE</b>	<b>PREBOARD WEIGHTAGE</b>
<b>April</b>	1.1 BRIEF STUDY OF : GRAM, MURCHHANA, ALANKAR, ALAP, TANA.	<b>15</b>	<b>6</b>	<b>6</b>
<b>May</b>	1.2 BRIEF STUDY OF : GAMAK, MEEND, KAN, KHATKA, MURKI, KRINTAN, ZAMZAMA, GHASEET, SUT.		<b>8</b>	
	<b>UNIT TEST-1</b>	<b>15</b>		
<b>June/July</b>	2 HISTORICAL DEVELOPMENT OF TIME THEORY OF RAGAS.		<b>8</b>	<b>6</b>
	3.1 DETAIL STUDY OF THE FOLLOWING (I) SANGEET PARIJAT (II) SANGEET RATNAKAR. 3.2 LIFE SKETCH & CONTRIBUTION OF INAYAT KHAN, MUSHTAQ ALI KHAN, ALAUDDIN KHAN,		<b>8</b>	<b>6</b>
<b>August</b>	<b>QUARTERLY EXAMINATION</b>		<b>30</b>	
<b>September</b>	4.1 DESCRIPTION OF PRESCRIBED TALAS ALONG WITH TALA NOTATION- THAH, DUGUN, TIGUN AND CHAUGUN. 4.2 STUDY OF VARIOUS PARTS & TUNING OF THE INSTRUMENT OPTED FOR.			<b>6</b>
<b>October</b>	5.1 CRITICAL STUDY OF PRESCRIBED RAGAS ALONG WITH RECOGNIZING RAGAS FROM PHRASES OF SWARAS AND ELABORATING THEM. 5.2 WRITING IN NOTATION THE COMPOSITION OF PRESCRIBED RAGAS.			<b>6</b>
<b>November</b>	<b>PRE-BOARD - I</b>			<b>30</b>
<b>December</b>	<b>PRE-BOARD - II</b>			
<b>Note- All the papers will be set according to Board pattern.</b>				
<b>EXAMINATION</b>	<b>THEORY(MM)</b>	<b>PRACTICAL</b>	<b>MONTH(TENTATIVE)</b>	
<b>UNIT TEST</b>	15	-	<b>MAY</b>	
<b>QUARTERLY</b>	30	70	<b>AUGUST</b>	
<b>PRE- BOARD I</b>	30	70	<b>NOVEMBER</b>	
<b>PRE- BOARD II</b>	30	70	<b>DECEMBER</b>	

**SUBJECT : FINE ARTS ( 049)**

Month	UNIT	CHAPTERS / TOPICS TO BE COVERED	UNIT TEST WEIGHTAGE	QUARTERLY WEIGHTAGE	PREBOARD WEIGHTAGE
April	UNIT-1	THE RAJASTHANI AND PAHARI SCHOOLS OF MINIATURE PAINTING		15	10
	CHAPTER 1	MINIATURE PAINTING	7		
	CHAPTER 2	RAJASTHANI SCHOOL OF ART	8		
May	UNIT TEST-1		15		
	CHAPTER 3	THE PAHARI SCHOOL			
June/July	UNIT 2	THE MUGHAL AND DECCAN SCHOOLS OF MINIATURE PAINTING		15	10
	CHAPTER 4	THE MUGHAL SCHOOL OF ART			
August	QUARTERLY EXAMINATION			30	
September	CHAPTER 5	THE DECCANI SCHOOL OF ART			
	CHAPTER 6	INDIAN NATIONAL FLAG AND THE BENGAL SCHOOL PAINTING			
October	UNIT 3	THE BENGAL SCHOOL OF PAINTING AND THE MODERN TRENDS IN INDIAN ART			10
	CHAPTER 7	THE MODERN TRENDS IN INDIAN ART			
November	PRE-BOARD - I				30
December	PRE-BOARD - II				
Note- All the papers will be set according to Board pattern.					
EXAMINATION		THEORY(MM)	PRACTICAL	MONTH(TENTATIVE)	
UNIT TEST		15	-	MAY	
QUARTERLY		30	70	AUGUST	
PRE- BOARD I		30	70	NOVEMBER	
PRE- BOARD II		30	70	DECEMBER	