

DIVIDED SYLLABUS – ENGLISH CORE

CLASS XII 2024-25

MONTH	CHAPTER NO	NAME OF THE CHAPTER	NO. OF PERIODS
APRIL		NOTICE, INVITATION	6
	1.	THE LAST LESSON	4
	1.	MY MOTHER AT SIXTY-SIX	3
	1.	THE TIGER KING	4
	2.	THE THIRD LEVEL	3
MAY	2.	LETTER	6
	2	THE LOST SPRING	4
	3	THE DEEP WATER	4
	4.	THE RATTRAP	4
		QUATERLY EXAM	
	2.	KEEPING QUIET	3
	3	A THING OF BEAUTY	3
JULY	3.	JOURNEY TO THE END OF THE EARTH	4
	4.	THE ENEMY	4
	3.	REPORT/ARTICLE	4
AUGUST	5.	INDIGO	4
	6.	POETS AND PANCAKES	4
	7.	THE INTERVIEW	
SEPTEMBER	6.	ON THE FACE OF IT	4
	7.	EVANS TRIES AN O' LEVEL	4
		HALF YEARLY EXAMINATION	
OCTOBER	8.	GOING PLACES	4
	4.	AUNT JENNIFER'S TIGERS	3
	5.	A ROAD SIDE STAND	4
NOVEMBER	8.	MEMORIES OF CHILDHOOD	4
		READING, LITERATURE & WRITING	30
DECEMBER		PRE- BOARD EXAMINATION	
MARCH		BOARD EXAMINATION 2023-24	

ST. ANN'S SR. SEC. SCHOOL, ROORKEE
DIVIDED SYLLABUS (2024 – 2025)
PHYSICS THEORY, CLASS – XII

Month	Chapter	No. of Periods	Marks
April	1. Electric Charges and Fields 2. Electrostatic Potential and Capacitance <i>Class - Test</i>	23	16
May	3. Current Electricity <i>Class - Test</i>	15	
Quarterly Examination			
June	4. Moving Charges and Magnetism 5. Magnetism and Matter <i>Class - Test</i>	16	17
July	6. Electromagnetic Induction 7. Alternating Current <i>Class - Test</i>	19	
August	8. Electromagnetic Waves <i>Class - Test</i>	2	18
	9. Ray Optics and Optical Instruments <i>Class - Test</i>	18	
September	10. Wave Optics		
Half - Yearly Examination			
October	11. Dual Nature of Radiation and Matter <i>Class - Test</i>	7	12
	12. Atoms 13. Nuclei <i>Class - Test</i>	11	
November	14. Semiconductor Electronics <i>Class - Test</i> REVISION AND SOLUTION OF SAMPLE PAPERS	7	7
December	PRE - BOARD EXAMINATION		
January	Winter – Break Board Practical Examination		
February	Preparatory Leave		
March	Board Examination		

DIVIDED SYLLABUS 2024-2025
CLASS XII - CHEMISTRY (043)

MONTH	UNIT NO.	NAME OF THE UNITS	NO. OF PERIODS
APRIL	1.	SOLUTIONS	10
	4.	D AND F BLOCK ELEMENTS	08
MAY	6.	HALOALKANES AND HALOARENE	08
		CLASS TESTS AND REVISION	06
		QUARTERLY EXAMINATION	
JUNE	SUMMER VACATION		
	3.	CHEMICAL KINETICS	04
JULY	3.	CHEMICAL KINETICS (CONTD...)	14
	6.	HALOALKANES AND HALOARENE	08
		CLASS TESTS / PRACTICALS	
AUGUST	7.	ALCOHOLS, PHENOL AND ETHER	12
	2.	ELECTROCHEMISTRY	12
	5.	COORDINATION COMPOUNDS	10
SEPTEMBER		CLASS TESTS AND REVISION	
		HALFYEARLY EXAMINATION	
OCTOBER	8.	ALDEHYDES , KETONES AND C.ACIDS	16
		CLASS TESTS	
	9.	AMINES	10
NOVEMBER	10.	BIOMOLECULES	08
		CLASS TESTS / PRACTICALS	06
		SOLVING SAMPLE PAPERS / REVISION	
DECEMBER		PRE-BOARD – 1 EXAMINATION	
JANUARY	WINTER BREAK		
		BOARD PRACTICAL EXAMINATION	
FEBRUARY		PREPRATORY LEAVE	
MARCH		BOARD EXAMINATION 2024-25	

ST ANN'S SENIOR SECONDARY SCHOOL

DIVIDED SYLLABUS (2024-2025)

CLASS XII BIOLOGY (044)

MONTH	LESSON NO.	NAME OF THE CHAPTER	PERIODS ALLOTTED
APRIL	1	SEXUAL REPRODUCTION IN FLOWERING PLANTS	6
		CLASS TEST, REVISION	2
APRIL	2	HUMAN REPRODUCTION	5
		REVISION, CLASS TESTS	1
MAY	3	REPRODUCTIVE HEALTH	3
MAY	4	QUARTERLY EXAMINATION	
JUNE		PRINCIPLES OF INHERITANCE AND VARIATION-to start.	4
JULY	5	PRINCIPLES OF INHERITANCE AND VARIATION -to continue	5
	6	MOLECULAR BASIS OF INHERITANCE	2
AUGUST	6	MOLECULAR BASIS OF INHERITANCE-Continued	6
	7	EVOLUTION	5
		REVISION, CLASS TESTS	3
	8	HUMAN HEALTH AND DISEASE	4
		CLASS TESTS, PRACTICALS	2
	9	MICROBES IN HUMAN WELFARE	4
		REVISION, CLASS TESTS, PRACTICALS	6
SEPTEMBER	10	BIOTECHNOLOGY- PRINCIPLES & PROCESSES	5

		HALF YEARLY EXAMS	
OCTOBER	11	BIOTECHNOLOGY & ITS APPLICATION	4
	12	ORGANISMS & POPULATIONS	4
NOVEMBER	13	ECOSYSTEM	4
		REVISION	2
	14	BIODIVERSITY & CONSERVATION	4
		REVISION	2
		CLASS TESTS	2
		Sample papers; Question papers (last 5 years)	6
NOV/DECEMBER		PREBOARD EXAMS	

ST. ANN'S SR. SEC. SCHOOL, ROORKEE

CLASS – XII (2024-25)

DIVIDED SYLLABUS – MATHEMATICS

MONTH	CHAPTER NO	CHAPTER NAME	NO OF PERIODS
APRIL	5	CONTINUITY AND DIFFERENTIABILITY	14
		CLASS TESTS	2
	3	MATRICES	15
		CLASS TESTS	2
MAY	4	DETERMINANTS	20
		CLASS TESTS	2
		QUARTERLY EXAMINATION	50MM
JUNE		SUMMER BREAK	
		LAB MANUAL ACTIVITIES(1-10)	15
		ART INTEGRATED LEARNING ACTIVITIES	6
JULY	1	RELATIONS AND FUNCTIONS	8
	2	INVERSE TRIGONOMETRIC FUNCTIONS	10
		CLASS TESTS AND REVISION	2
AUGUST	6	APPLICATIONS OF DERIVATIVES	10
	7	INTEGRALS	16
		CLASS TESTS	2
	8	APPLICATIONS OF INTEGRALS	6
	CLASS TESTS	2	
SEPTEMBER		CLASS TESTS AND REVISION	2
		HALF YEARLY EXAMINATION	100MM
OCTOBER	9	DIFFERENTIAL EQUATIONS	8
	10	VECTOR ALGEBRA	8
	11	THREE DIMENSIONAL GEOMETRY	13
		CLASS TESTS	2
NOVEMBER	12	LINEAR PROGRAMMING	6
	13	PROBABILITY	8
		REVISION, CLASS TESTS AND SAMPLE PAPERS	
DECEMBER		PRE-BOARD EXAMINATION	
JANUARY		WINTER BREAK	
FEBRUARY		BOARD PRACTICAL EXAMINATION	
MARCH		BOARD EXAMINATION	

BUSINESS STUDIES (054)-XII (2024-25)

MONTHS	CHAPTER NO. & NAME	PERIODS
APRIL	UNIT 1: NATURE AND SIGNIFICANCE OF MANAGEMENT	15
	UNIT 2: PRINCIPLES OF MANAGEMENT	15
	CLASS TESTS	
MAY	UNIT 3: BUSINESS ENVIRONMENT	12
	CLASS TESTS	
	<i>QUARTERLY EXAMINATION</i>	
JUNE	UNIT 4: PLANNING	05
JULY	UNIT 6: STAFFING	16
	UNIT 8: CONTROLLING	05
	CLASS TEST	
AUGUST	UNIT 5: ORGANISING	11
	UNIT 7: DIRECTING	18
	CLASS TEST	
SEPTEMBER	UNIT 9: FINANCIAL MANAGEMENT	15
	CLASS TEST	
	<i>HALF YEARLY EXAMINATION</i>	
OCTOBER	UNIT 11: MARKETING MANAGEMENT	15
	UNIT 12: CONSUMER PROTECTION	08
	CLASS TEST	
NOVEMBER	UNIT 10: FINANCIAL MARKETS	16
	PRACTICE OF PAST BOARD QUESTION PAPERS	
DECEMBER	I PRE BOARDS	
JANUARY	II PRE BOARDS	
FEBRUARY	BOARD PRACTICALS	
MARCH	BOARD EXAMINATION	

ACCOUNTANCY (055)-XII (2024-25)

MONTHS	CHAPTER NO. & NAME	PERIODS
	<u>BOOK: COMPANY ACCOUNT</u>	
APRIL	CHAP - 2: ISSUE OF SHARES CLASS TESTS	32
MAY	CHAP-3 ISSUE OF DEBENTURES CLASS TESTS QUARTERLY EXAMINATION	15
JUNE	<u>BOOK: ACCOUNTING FOR PARTNERSHIP FIRM</u> CHAP – 1: FUNDAMENTALS	08
JULY	CONTINUED..... CHAP- 1: FUNDAMENTALS CLASS TESTS	15
AUGUST	CHAP-2: CHANGE IN PROFIT SHARING RATIO CHAP - 3: ADMISSION OF A PARTNER CLASS TESTS	15 16
SEPTEMBER	CHAP - 4: DEATH & RETIREMENT OF A PARTNER CLASS TESTS HALF YEARLY EXAMINATION	16
OCTOBER	CHAP - 5: DISSOLUTION OF PARTNERSHIP FIRM <u>BOOK : ANALYSIS OF FINANCIAL STATEMENTS</u> CHAP - 1: TOOLS OF ACCOUNTING CHAP - 2: RATIO ANALYSIS CLASS TEST	18 06 10
NOVEMBER	CONTINUED.. CHAP-2: RATIO ANALYSIS	15

	CHAP -3: CASH FLOW STATEMENTS REVISION FOR PRE-BOARDS PRACTICE OF PREVIOUS BOARD QUESTIONS	20
DECEMBER	I PRE - BOARDS	
JANUARY	II PRE - BOARDS	
FEBURARY	BOARD PRACTICALS	
MARCH	BOARD EXAMINATION	

DIVIDED SYLLABUS(2024-25)**CLASS : XII C****SUB:ECONOMICS**

MONTH	CH. NO.	NAME OF THE CHAPTER	PERIODS
APRIL	1	INDIAN ECONOMIC DEVELOPMENT:PART-A INDIAN ECONOMY ON THE EVE OF INDEPENDENCE FIVE YEAR PLANS IN INDIA	20
	2	AGRICULTURE, INDUSTRY AND TRADE (1950-1990)	12
	3	MACROECONOMICS:PART-B	
	1	INTRODUCTION	2
	10	GOVERNMENT BUDGET AND THE ECONOMY CLASS TEST	15
MAY	2	SOME BASIC ONCEPTS OF MACROECONOMICS	3
	3	NATIONAL INCOME AND RELATED AGGREGATES	10
	4	METHODS OF CALCULATING NATIONAL INCOME CLASS TEST	12
		QUARTERLY EXAMINATIONS	
JUNE		-----PROJECT / ASSIGNMENTS----- -----SUMMER VACATIONS-----	
JULY	4	ECONOMIC REFORMS SINCE 1991: NEW ECONOMIC POLICY	14 60
	6	CURRENT CHALLANGES FACING INDIAN ECONOMY: HUMAN CAPITAL FORMATION IN INDIA RURAL DEVELOPMENT	8
	7	EMPLOYMENT	10
	8	ENVIRONMENT AND SUSTAINABLE DEVELOPMENT	9
AUGUST	5	MONEY & BANKING	8
	6	FOREIGN EXCHANGE RATE	8
	11	BALANCE OF PAYMENTS	7
			8
SEPTEMBER		CLASS TEST/REVISION HALF YEARLY EXAMINATIONS	
OCTOBER	7	AGGREGATE DEMAND, AGGREGATE SUPPLY AND RELATED CONCEPTS.	27 15
	8	SHORT RUN EQUILIBRIUM OUTPUT	12
	9	PROBLEM OF DEFICIENT DEMAND AND EXCESS DEMAND	10
NOVEMBER	11	DEVELOPMENT EXPERIENCE OF INDIA- A COMPARISON WITH NEIGHBOURS CLASS TEST/REVISION	12
DECEMBER		-----PRE-BOARD-1-----	
JANUARY		-----PRE-BOARD-2-----	
FEBRUARY		-----PRACTICALS-----	
MARCH		-----FINAL BOARD EXAMS-----	

ST. ANN'S SR.SEC.SCHOOL ROORKEE
CLASS XII 2024
COMPUTER SCIENCE(083)

MONTH	TOPICS TO BE COVERED	PERIODS	
		THEORY	PRAC
April	Unit III: Database Management Relational data model Structured Query Language: General Concepts: Advantages of using SQL, Data Definition Language and Data Manipulation Language; Data Types SQL commands, Functions, Joins CLASS TEST	20	8
May	Unit I: Computational Thinking and Programming Revision of the basics of Python covered in Class XI. Functions Functions using libraries REVISION QUARTERLY EXAMINATION	12	4
June	SUBJECT ENRICHMENT ACTIVITY SUMMER BREAK Exception Handling: try-except-finally blocks.	6	4
July	File handling , Types of files, Basic operations on a text file, Binary File: operations, PICKLE module CLASS TEST	18	6
August	CSV File: Import csv module, functions Using Python libraries: create,import Python libraries. CLASS TEST Data-structures: Lists, Stacks – Push, Pop using a list. CLASS TEST	12 12	4 4
September	REVISION PRACTICAL EXAMINATION HALF YEARLY EXAMINATION		
October	Interface of Python with an SQL database o Connecting SQL with Python o Creating Database connectivity PROJECT WORK	18 6	4 4
November	Unit II: Computer Networks Data Communication terminologies, Transmission media, Network devices, Topologies, types and protocols, Network Security Concepts Threats and preventions, India IT Act, Cyber Law, Crimes, IPR issues, hacking, Web services CLASS TEST PRACTICE PAPERS Project Work Submission	16 8	8
Dec- Jan	Pre-Board Examination / Board practical examination		

INFORMATICS PRACTICES (065)

MONTH	TOPICS TO BE COVERED	PERIODS	
		THEORY	PRAC
APRIL	Unit III: Introduction to Computer Networks Types of Networks Network Devices Network Topologies Internet Applications, Website, Web Servers and browsers, Hosting a website, protocols CLASS TEST	15	4
	Unit IV: Societal Impacts Digital footprints, Netiquettes Data Protection, Intellectual Property Rights Plagiarism, Licensing, and Copy Rights FOSS, Cyber Crimes and laws E-waste- hazards and management Health hazards of technology overuse CLASS TEST	5	4
MAY	Unit II: Database Query using Sql Math functions: POWER (), ROUND (), MOD (). Text functions: UPPER(),LOWER(),MID(), SUBSTR(), LENGTH(), LEFT(), RIGHT(), INSTR(), LTRIM(), RTRIM(), TRIM(). Date Functions: NOW (), DATE (), MONTH (), MONTHNAME(),YEAR(),DAY(),DAYNAME(). Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). Query using Group by, Having, Order by. Getting data from multiple tables using Equi-Join REVISION	12	4
	QUARTERLY EXAMINATION	8	2
JUNE	SUMMER BREAK Unit 1: Data Handling using Pandas and Data Visualization Libraries- Pandas, Matplotlib, Data structures in Pandas – Series, data frames		
JULY	Series: Creation from array, dictionary, scalar value, operation, attributes, head/tail functions; selection, indexing and slicing. Subject Enrichment Activity CLASS TEST	12	4

AUGUST	Data Frames: creation from dictionary of series, list of dictionaries, text/CSV files, display, iteration, Operations on rows and columns: add, select, delete column/row, rename, Head, Tail functions, Indexing, Boolean indexing; joining, merging, concatenating data frames. Importing/Exporting CSV files, Data Frames. CLASS TEST	20	8
SEPTEMBER	REVISION PRACTICAL EXAMINATION HALF YEARLY EXAMINATION		
OCTOBER	Statistics: max, min, count, sum, mean, mode, median, quartile, Standard deviation, variance. Data Frame operations: Aggregation, group by, Sorting, Deleting, Renaming Index, Pivoting. Handling missing values – dropping/filling. Importing/Exporting with MySQL and Pandas. CLASS TEST PROJECT WORK	4 10	2 4
NOVEMBER	Data Visualization: plotting charts, Matplotlib line plot, bar graph, histogram Customizing plots: colour, style (dashed, dotted), width; adding label, title, and legends CLASS TEST Connectivity of projects using csv or database file Analyse using Python libraries Generate appropriate charts to visualize. Create database using MySQL and store the data in tables. Import in Pandas for analysis and visualization. REVISION PRACTICE PAPERS	20	8
Dec- Jan	Pre-Board Examination / Board practical examination		

ST. ANN'S SENIOR SECONDARY SCHOOL, ROORKEE
DIVIDED SYLLABUS 2024-2025
CLASS XII
SUBJECT – PHYSICAL EDUCATION (048)

MONTH	NAME OF THE UNITS	NUMBER OF PERIODS
APRIL	TEST AND MEASUREMENT IN SPORTS CLASS TEST	13
	SPORTS AND NUTRITION CLASS TEST	12
MAY	PHYSICAL EDUCATION AND SPORTS FOR CWSN REVISION /CLASS TEST	13
	QUARTERLY EXAMINATION	
JULY	YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE CLASS TEST	12
	CHILDREN AND WOMEN IN SPORTS CLASS TEST	12
AUGUST	MANAGEMENT OF SPORTING EVENTS	15
	PHYSIOLOGY AND INJURIES IN SPORTS CLASS TEST	13
SEPTEMBER	BIOMECHANICS AND SPORTS REVISION/ CLASS TEST	18
	HALF YEARLY EXAMINATION	
OCTOBER	PSYCHOLOGY AND SPORTS CLASS TEST	12
NOVEMBER	TRAINING IN SPORTS REVISION/ CLASS TEST	15
DECEMBER	PRE – BOARD EXAMINATION	
JANUARY	BOARD PRACTICAL EXAMINATION	
FEBRUARY	PREPARATORY LEAVE	
MARCH	BOARD EXAMINATION	

PRACTICAL EXAMINATION		
<u>Sl. No.</u>	<u>AREA</u>	<u>MAX MARKS: 30</u>
1	PHYSICAL FITNESS TEST SAI	6
2	PROFICIENCY IN GAMES AND SPORTS	7
3	YOGIC PRACTICES	7
4	RECORD FILE	5
5	VIVA VOCE (HEALTH/ GAMES AND SPORTS/ YOGA)	5

ST. ANN'S SR.SEC.SCHOOL ROORKEE
CLASS XII 2024
SUB:-INFORMATION TECHNOLOGY(802)

MONTH	TOPICS TO BE COVERED	PERIODS	
		THEORY	PRAC
April	Unit -1 RDBMS CLASS TEST	3	3
May	CHAP 1:COMM. SKILLS REVISION QUARTERLY EXAMINATION	2	2
June	SUBJECT ENRICHMENT ACTIVITY SUMMER BREAK CHAP 2 :SELF MANAG. CHAP 3: ICT SKILLS	2	2
July	Unit 3:Fundamentals of Java (Till JAVA Language Elements) CLASS TEST	4	4
August	Unit 3:Fundamentals of Java(Till Class Design)	12	4
	Unit 3:Fundamentals of Java(Up to String Manp.) CLASS TEST	12	4
September	REVISION PRACTICAL EXAMINATION HALF YEARLY EXAMINATION		
October	Unit 2: Operating Web Based App. Creating Database connectivity PROJECT WORK	4	4
November	CHAP 4:ENTREPRENEURIAL SKILLS II (EMPL. SKILLS) CHAP 5: GREEN SKILLS CLASS TEST PRACTICE PAPERS Project Work Submission	4	4
Dec- Jan	Pre-Board Examination / Board practical examination		

Teacher's sign:

Principal's Sign:

ST. ANN'S SENIOR SECONDARY SCHOOL , ROORKEE

DIVIDED SYLLABUS (2024-2025)

CLASS – XII

PAINTING

MONTH	TOPICS TO BE COVERED	NO. OF PERIODS
April	UNIT -1 <u>THE RAJASTHANI AND PAHARI SCHOOL OF MINIATURE PAINTING</u> (A)The Rajasthani schools: 1. Origin and development 2.Sub schools 3. Main features of Rajasthani Schools. PRACTICAL WORK 4.Study of following paintings: (a)Maru-Ragini (b) Chaugan Players (c) Krishana on Swing	6
May	(d) Radha (Bani thani) (B) The Pahari Schools 1.Orgjn and development . 2. Sub schools 3. Main features of Pahari Schools. 4. Study of following paintings: (a) Krishna with Gopies (b) Nand Yashoda and Krishna with kinsmen going to Vrindavana	4

<p>July</p>	<p>PRACTICAL WORK</p> <p>QUATERLY EXAM</p> <p>UNIT -2</p> <p><u>THE MUGHAL AND DECCAN SCHOOL OF MINIATURE PAINTING</u></p> <ul style="list-style-type: none"> • The Mughal school <ol style="list-style-type: none"> 1.Origin and development 2.Sub schools 3. Main features of Mughal Schools. 	<p>8</p>
<p>August</p>	<p>PRACTICAL WORK</p> <ol style="list-style-type: none"> 4.Study of following paintings: <p>(a)Krishana Lifting Mount Goverdhna</p> <p>(b)Falcon on a Bird rest</p> <p>(c)Kabir and Raidas</p> <p>(d) Marriage Procession of Dara Shikoh</p> <p>The Deccan School</p> <ol style="list-style-type: none"> 1. Origin and development. 2.Sub schools 3. Main features of Rajasthani Schools. 4.Study of following paintings: <p>(a) Hazrat Nizamuddin Aaliya and Amir Khusro</p> <p>(b) Chand Bibi Playing Polo (Chaugan)</p> <p>PRACTICAL WORK</p> <p>HALFYEARLY EXAM</p> <p>UNIT- 3</p> <p><u>THE BANGAL SCHOOL PAINTING AND THE MODERN TRENDS IN</u></p>	<p>8</p>

	<p><u>INDIAN ART</u></p> <ul style="list-style-type: none"> • Evolution of the Indian National Flag : Symbolic significance of it's form and the color. • (1.) Introduction to Bengal School of painting • Origin and development. <p>2. Main features of the Bengal School of painting .</p> <p>(2) Contribution of Indian artist in the struggle for National Freedom Movement.</p> <p>(3) Study of following paintings of the Bengal school :</p> <p>PRACTICAL WORK</p> <p>UNIT- 4</p> <p><u>THE MODERN TRENDS OF INDIAN ART</u></p> <p>Study of the following work of contemporary (modern) Indian art.</p> <ul style="list-style-type: none"> • PAINTINGS: <ul style="list-style-type: none"> • Haldi Grinder • Rama vanquishing the pride of ocean • Mother and Child • Mother Teresa • SCULPTURES <ul style="list-style-type: none"> • Triumph of Labour • Santhal Family • Cries Unheard • Ganesha 	<p>2</p> <p>8</p> <p>2</p>
<p>October</p>	<p>PRACTICAL WORK</p>	
<p>November</p>		
<p>December</p>	<p>PRE-BOARD PRACTICALS</p>	
<p>January</p>	<p>PRE-BOARD EXAM -1</p>	