

D.A.V. PUBLIC SCHOOLS, CG ZONE
CLASS XII SPLIT UP SYLLABUS – ENGLISH CORE (CODE NO. 301) 2022-23

Months	FLAMINGO		VISTAS	Reading/Writing	Total No. of Days
	Prose	Poem			
April	1. The Last Lesson 2. Lost Spring	1. My Mother @66	1. The Third Level	1. Notice R1. Reading Comprehension	24
June	3. Deep Water	-----	2. The Tiger King	2. Invitation & Reply	13
July	4. The Rattrap	3. Keeping Quiet	3. Journey to the end of the Earth 4. The Enemy	3. Job Application R1. Reading Comphn.	26
August	5. Indigo 6. Poets and Pancakes	4. A Thing of Beauty	6. On the Face of it	8. Letter to the Editor 9. Report Writing	22
September	7. The Interview	5. A Roadside Stand 6. Aunt Jennifer's Tigers	-----	11. Article	26
October	8. Going Places	-----	8. Memories of stolen Childhood	R1. Reading Comphn.	17
November	Revision	Revision	Revision	Revision	24
December	Revision	Revision	Revision	Revision	27
January	Revision	Revision	Revision	Revision	24
February	Revision	Revision	Revision	Revision	16

SYLLABUS (2022-23)

CLASS XII

ENGLISH CORE (SUBJECT CODE 301) COURSE STRUCTURE

Section -A Reading Comprehension	20 Marks
Section-B Writing Skills	20 Marks
Section-C Literature	40 Marks
ASL+ Project + Viva	20 Marks

Omitted Poem and Lessons

2. An Elementary School
5. Should Wizard Hit Mommy
7. Evans Tries On O-Level

ASL/ALS –to be assessed as prescribed by CBSE guidelines (20 marks)

<p style="text-align: center;">INTERNAL ASSESSMENT Assessment of Listening Skills - 05 marks. Assessment of Speaking Skills – 05 Marks Project Work - 10 Marks</p>

Parameters for Assessment: 1.Interactive Competence 2.Fluency 3.Pronunciation 4.Language

60% Syllabus for Half Yearly Examinations to be conducted tentatively in the month of September

TEXTBOOKS	READING SKILLS	WRITING SKILLS
<p><u>FLAMINGO</u></p> <p>Prose: Lesson-1 The Last Lesson Lesson-2 Lost Spring Lesson-3 Deep Water Lesson-4 The Rattrap Lesson-5 Indigo</p> <p>Poetry: 1. My Mother At Sixty Six 2. Keeping Quiet 3. A Thing of Beauty</p> <p><u>VISTAS</u> Lesson -1 The Third Level Lesson -2 The Tiger King Lesson- 3 Journey to the end of the Earth Lesson- 4 The Enemy</p>	<p><u>Reading Comprehension Unseen Passage</u></p> <p>Type: I. One unseen passage to assess comprehension, interpretation inference and vocabulary. The passage may be factual or descriptive. II. One unseen case-based passage with verbal/visual inputs like statistical data, charts etc.</p> <p>Note: The combined word limit for both the passages will be 600-750.</p>	<p><u>Short Composition</u> -Notice Writing Word Limit : 50 words - Formal/Informal Invitation and Reply up to 50 words <u>Letter Writing</u> Based on visual and/or verbal input may include the type: -Application for a job with biodata or resume. - Letters to the editor (giving suggestions or opinion on issues of public interest) Word Limit : 120-150 words <u>Article Writing / Report Writing</u> -Based on verbal input -May be descriptive or analytical in Nature. Word Limit : 120-150 words</p>

Section -A Reading Comprehension	20 Marks
Section-B Writing Skills	20 Marks
Section-C Literature	40 Marks
Total	80 Marks

SPLIT – UP SYLLABUS SESSION 2022-23

CLASS – XII SUBJECT – PHYSICS

MONTH	NO. OF WORKING DAYS	DETAIL SYLLABUS
APRIL	24	Electric Charges and Fields, Electrostatic Potential and Capacitance.
JUNE	13	Electrostatic Potential and Capacitance. Current Electricity
JULY	26	Moving Charges and Magnetism. Magnetism and matter, Electromagnetic Induction,
AUGUST	22	Alternating Current. Electromagnetic Wave, Ray Optics and Optical Instruments.
SEPTEMBER	26	Wave Optics. REVISION for Half Yearly Exam
OCTOBER	17	Dual Nature of Radiation and Matter Atoms, Nuclei, Semiconductor, Electronics: Materials, Devices and Simple Circuits.
NOVEMBER	24	REVISION
DECEMBER	27	REVISION, 1st Pre-Board Exam
JANUARY	24	REVISION, 2st. Pre-Board Exam
FEBRUARY	16	REVISION
TOTAL	219	

SYLLABUS FOR HALF YEARLY EXAM

S. No.	Name of Chapters
1.	Electric Charges and Fields
2.	Electrostatic Potential and Capacitance.
3.	Current Electricity
4.	Moving Charges and Magnetism
5.	Magnetism and matter
6.	Electromagnetic Induction
7.	Alternating Current
8.	Electromagnetic Wave
9.	Ray Optics and Optical Instruments.

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Split up of Syllabus of Class XII Chemistry (043) for session 2022-23

MONTH	NO. OF WORKING DAYS	SN	NAME OF CHAPTER	PRACTICALS
April	24	1	Solutions	Thermochemistry
		2	Electrochemistry	Electrochemistry
June	13	3	Haloalkanes and Haloarenes	Tests for the functional groups present in organic compounds: Unsaturation, alcoholic, phenolic.
July	26	4	Alcohols, Phenols and Ethers	
		5	d -and f -Block Elements	Chromatography, Preparation of Inorganic Compounds
August	22	6	Coordination Compounds	Determination of concentration/ molarity of KMnO ₄ solution by titrating it. Surface Chemistry, Chemical Kinetics
		7	Chemical Kinetics	
		8	Aldehydes, Ketones and Carboxylic Acids	
September	26		Revision and conduction of Half Yearly exam (Syllabus 60%)	Tests for the functional groups present in organic compounds: Unsaturation, alcoholic, phenolic, aldehydic, ketonic, carboxylic and amino (Primary) groups.
October	17	9	Amines	Investigatory Project, Characteristic tests of carbohydrates, proteins in given food stuffs. Qualitative analysis
		10	Biomolecules	
November	24	Revision		
December	27	Revision and conduction of First pre-board (Syllabus 100%)		Practice of experiments.
January	24	Revision and conduction of Second pre-board (Syllabus 100%)		

Syllabus of Chemistry for half yearly examination
September- 2022

S No	Unit	S No	Unit
1	Solutions	4	Coordination Compounds
2	Electrochemistry	5	Haloalkanes and Haloarenes
3	d -and f -Block Elements	6	Alcohols, Phenols and Ethers

Note: List of experiments and design of question paper, as per CBSE syllabus of 2022-23

Split up Syllabus for the Session : 2022-23

Subject : Mathematics

Class : XII

Month	No. of Working Days	Units/Chapters
April 2022	24	<ul style="list-style-type: none">• Relations and Functions• Inverse Trigonometric Functions• Matrices
June 2022	13	<ul style="list-style-type: none">• Determinants• Continuity and Differentiability (up to differentiability)
July 2022	26	<ul style="list-style-type: none">• Continuity and Differentiability (contd.)• Applications of Derivatives• Integrals (up to Indefinite Integrals) Unit Test – 1
August 2022	22	<ul style="list-style-type: none">• Integrals (contd.)• Applications of Integrals• Differential Equations Unit Test – 2
September 2022	26	<ul style="list-style-type: none">• Vectors• Three Dimensional Geometry• Revision for HY Exam Half Yearly Exam <u>Syllabus :</u> (Relations and Functions, Inverse Trigonometric Functions, Matrices, Determinants, Continuity and Differentiability, Application of Derivatives, Integrals and Application of Integrals)
October 2022	17	<ul style="list-style-type: none">• Linear Programming• Probability
November 2022	24	<ul style="list-style-type: none">• Revision
December 2022	27	<ul style="list-style-type: none">• Revision Pre Board – 1 (100% syllabus)
January 2023	24	<ul style="list-style-type: none">• Revision Pre Board – 2 (100% syllabus)
February 2023	16	<ul style="list-style-type: none">• Revision

Chapter wise weightage of marks for Half-Yearly Examinations

Sl. No.	Name of Chapter	Weightage of Marks
1	Relations and Functions	09
2	Inverse Trigonometric Functions	05
3	Matrices	08
4	Determinants	10
5	Differentiations	14
6	Application of Derivatives	12
7	Integrals	14
8	Application of Integrals	8
Total		80

Syllabus split up Session-2022-2023

Subject-Biology

Class-XII

Month	Working Day	Chapters
April	24	2.Sexual Reproduction in Flowering Plants 3.Human Reproduction
June	13	3.Human Reproduction 4.Reproductive Health
July	26	5. Principles of Inheritance and Variation. 6.Molecular Basis of Inheritance
August	22	7.Evolution 8.Human Health and Diseases 10.Microbes in Human welfare
September	26	11.Biotechnology Principles and processes 12.Biotechnology and its Applications 13.Organisms and populations
October	17	14.Ecosystem 15. Biodiversity and its conservation
November	24	Revision of syllabus
December	27	Revision of syllabus
January	24	Revision of syllabus

Note:-Biology Practical's to be conducted along with theory.

Term –I syllabus (60% of Total syllabus)

Chapters
2.Sexual Reproduction in Flowering Plants
3.Human Reproduction
4.Reproductive Health
5. Principles of Inheritance and Variation.
6.Molecular Basis of Inheritance
7.Evolution
8.Human Health and Diseases
10.Microbes in Human welfare

BREAK UP OF SYLLABUS FOR CLASS XII ACCOUNTANCY FOR THE SESSION 2022 - 23

MONTHS	UNIT	TOPICS TO BE COVERED
April	I	Partnership Firm - The basic concept
	I	Reconstitution of Partnership firm-Change In Profit Sharing Ratio
June		
	I	Admission, Retirement and Death of a Partner
July	I	Reconstitution of a firm - Change in profit sharing ratio
	I	Dissolution of a Partnership firm
	II	Accounting for Companies(Issue and Forfeiture of shares)
August	II	Accounting for Companies(Debentures)
	III	Analysis of Financial Statements
September		REVISION AND HALF YEARLY EXAMINATION
October	IV	Cash Flow Statement

**60% SYLLABUS TO BE INCLUDED IN HALF YEARLY EXAMINATION i.e. UPTO
ACCOUNTING FOR COMPANIES**

MARKS ALLOTMENT FOR CLASS XII ACCOUNTANCY FOR THE SESSION 2022-23(Half Yearly)

UNIT	TOPICS TO BE COVERED	MARKS
I	Partnership Firm - The basic concept	48
I	Reconstitution of Partnership firm	
I	Admission, Retirement and Death of a Partner	
I	Reconstitution of a firm - Change in profit sharing ratio	
I	Dissolution of a Partnership firm	
II	Accounting for Companies	32

BREAK UP OF SYLLABUS FOR CLASS XII BUSINESS STUDIES FOR THE SESSION 2022-23

MONTHS	UNIT	TOPICS TO BE COVERED
April	I	Nature and significance of management
	II	Principles of management
	III	Business Environment
June	IV	Planning
July	V	Organising
	VI	staffing
	VII	Directing
August	VIII	Controlling
	IX	Financial Management
	X	Capital markets
september		REVISION AND HALF YEARLY EXAM
October	XI	Marketing Management
	XII	Consumer protection

60% SYLLABUS TO BE INCLUDED IN HALF YEARLY EXAMINATION i.e. UPTO CHAPTER 8
CONTROLLING

MARKS ALLOTMENT FOR CLASS XII BUSINESS STUDIES FOR THE HALF YEARLY SESSION 2022-23

UNIT	TOPICS TO BE COVERED	MARKS
I	Nature and Significance of Management	25
II	Principles of Management	
III	Business Environment	
IV	Planning	20
V	Organising	
VI	Staffing	35
VII	Directing	
VIII	Controlling	

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SPLIT-UP SYLLABUS MONTHWISWE

SESSION:2022-23

SUBJECT: ECONOMICS (030)

MONTH	MACRO ECONOMICS	SUB-TOPICS	INDIAN ECONOMIC DEVELOPMENT	WORKING DAYS
APRIL 2022	<p>UNIT-2 MONEY AND BANKING</p> <p>UNIT:3 DETERMINATION OF INCOME & EMPLOYMENT</p>	<p>MONEY – meaning and functions, supply of money – Currency held by the public and net demand deposits held by commercial banks. Money creation by the commercial banking system. Central bank and its function (example of the reserve bank of India) Bank of issue: Govt. bank, banker’s bank, controller of credit through bank rate, CRR. SLR, Repo rate and reverse repo rate, open market operation, margin requirement.</p> <p>Aggregate demand and its components.</p>	<p>UNIT:6-Unit-Development Experience (1947-90) and Economic Reforms since 1991: A brief introduction of the state of Indian economy on the eve of independence. Indian economic system and Common goals of Five-year plans. Main features, problems and policies of agriculture (institutional aspect and new agriculture strategies.). industry (IPR 1956, SSI-role & importance) and foreign trade. ECONOMIC REFORMS SINCE 1991: Fetures and appraisals of liberalization, globalization and privatization (LPG POLICY). Concept of demonetization and GST.</p>	24

JUNE 2022		<p>. Propensity to consume and propensity to save (average and marginal) Short-run equilibrium output, investment multiplier and its mechanism. Meaning of full employment and involuntary unemployment. problems of excess demand and deficit demand, measures to correct them- change in govt. spending, taxes and money supply</p>	<p>UNIT 7: Current Challenges facing Indian Economy HUMAN CAPITAL FORMATION: - How people become resource, Role of human capital in economic development. Growth, of sector in India.</p>	13
JULY 2022	UNIT:4 GOVERNMENT BUDGET AND THE ECONOMY	<p>Government budget-meaning objectives and components. Classification of receipts- revenue receipts and capital receipts classification of expenditure- revenue expenditure and capital expenditure. Balanced, surplus and Deficit Budget- measures of government deficit.</p>	<p>RURAL DEVELOPMENT: - Key issues- credit and marketing- role of cooperatives, agricultural diversification, alternative farming- organic farming.</p>	26
AUGUST 2022	UNIT:5 BALANCE OF PAYMENTS	<p>Balance of payments account-</p>		22

September 2022	Revision for Half yearly	<p>meaning and components, balance of payments -surplus and deficit. Foreign exchange rate-meaning of fixed and flexible rates and managed floating. Determination of exchange rate in free market, Merits and Demerits of flexible and fixed exchange rate. Managed floating rate system.</p> <p>Half yearly examination</p>	<p>EMPLOYMENT: - Growth and changes in work force participation rate in formal and informal sectors; problems and policies.</p> <p>SUSTAINABLE ECONOMIC DEVELOPMENT: - Meaning, Effect of economic development on Resource and Environment, including global warming.</p>	26
October 2022	UNIT:1 NATIONAL INCOME AND RELATED AGGREGATES	<p>What is Macroeconomics? Some basic concepts : consumption goods, capital goods final goods ,intermediate goods ;stocks. 2.Circular flow of income (two sector model Model) methods of calculating national income-value added or productive method, expenditure method, income method. 3.Aggregates related to national income; Gross national product (GNP), Net national</p>	<p>UNIT:8 DEVELOPMENT EXPERIENCE OF INDIA: A COMPARISON WITH NEIGHBOUR S. India and Pakistan Indian and China Issues: growth, population, sectoral development and other human development indicators</p>	17

		product (NNP), Gross and net domestic product. (GDP and NDP)-at market price, at factor cost, Real and Nominal GDP. 4.GDP and welfare.		
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- HALF YEARL EXAMINATION SYLLABUS FOR CLASS 12 WILL BE 60% OF SYLLABUS SYLLABUS FOR HALF YEARLY EXAM

UNITS	MACRO	MARKS
PART-A		
1	Money & Banking	10
2	Determination of Income & employment	20

3	Balance of payment	10
		40
PART -B	INDIAN ECONOMY	MARKS
4	Development exp.and economic rforms since 1991	9
5	Human Capital Formation	7
6	Rural Development	7
7	Employment	8
8	Sustainable Economic Development	9
		40
TOTAL		80

SYLLABUS OF informatics practices (PYTHON) 2022-23

CLASS- XII

SNO	TOPIC TO BE COVERED	MONTH	NO OF WORKING DAYS
1	Unit –I Data handling using Pandas I	April	24
2	Data handling using Pandas II	June	13
3	Data visualization Unit –II Data base query using SQL Revision Tour	July	26
4	Math function Text Function Date Function AGREGATE FUNCTION	AUGUST	22
60% SYLLABUS Half yearly exam Unit –I Unit –II(upto aggregate function)			
5	QUERY AND MANIPULATING DATA USING GROUP BY , HAVING , ORDER BY	SEPTEMBER	15
6	INTRODUCTION TO COMPUTER NETWORK SOCIETAL IMPACT	OCTOBER	17

SPLIT UP SYLLABUS – 2022-2023

CLASS - XII

PHYSICAL EDUCATION

SR. NO.	MONTHS	DAYS	NAME OF CHAPTER
1	JUNE	13	1.MANAGEMENT OF SPORTING EVENTS
2	JULY	26	2. CHILDREN AND WOMEN IN SPORTS 3. YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE 4. PHYSICAL EDUCATION AND SPORTS FOR CWSN (DIVYANG)
4	AUGUST	28	5.SPORTS AND NUTRITION 6. TEST AND MEASUREMENT IN SPORTS
	SEPTEMBER	14	(TEST AND MEASUREMENT IN SPORTS)
HALF YEARLY EXAMINATION (SEPTEMBER)			
6	OCTOBER	17	7.PHYSIOLOGY AND INJURIES IN SPORTS 8.BIOMACHANICS AND SPORTS
7	NOVEMBER	24	9. PSYCHOLOGY AND SPORTS 10.TRAINING IN SPORTS
9	DECEMBER	27	FIRST PRE - BOARD REVISION
10	JANUARY	24	SECOND PRE - BOARD REVISION
11	FEBRUARY	16	REVISION AND PRACTICAL

Class XII Physical Education: 60% Syllabus for Half Yearly Examination

1. MANAGEMENT OF SPORTING EVENTS
2. CHILDREN AND WOMEN IN SPORTS
3. YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE
4. PHYSICAL EDUCATION AND SPORTS FOR CWSN (DIVYANG)
5. SPORTS AND NUTRITION
6. TEST AND MEASUREMENT IN SPORTS