

DAV PUBLIC SCHOOL, THERMAL COLONY, PANIPAT

SYLLABUS FOR CLASS - XII (SESSION 2024-25)

ENGLISH

April to September

- Flamingo - Prose -**
1. The Last Lesson
 2. Lost Spring
 3. Deep Water
 4. The Rattrap
 5. Indigo
- Poetry -**
1. My Mother at Sixty Six
 2. Keeping Quiet
 3. A Thing of Beauty
- Vistas-**
1. The Third Level
 2. The Tiger King
 3. Journey to the end of the Earth
 4. The Enemy

October to March

- Flamingo - Prose -**
6. Poets and pancakes
 7. The Interview
 8. Going Places
- Poetry -**
4. A Roadside Stand
 5. Aunt Jennifer's Tigers
- Vistas-**
5. On the Face of it
 6. Memories of childhood
 - a) The Cutting of My Long Hair
 - b) We too are Human Beings

PHYSICS

Time:3Hours

Total Marks70

NAME OF THE CHAPTER	MARKS DISTRIBUTION FOR HALF-YEARLY EXAMS	MARKS DISTRIBUTION FOR ANNUAL EXAMS
Electric Charges and Fields	30	16
Electrostatic Potential & Capacitance		
Current Electricity		
Moving Charges and Magnetism	40	17
Magnetism and Matter		
Electromagnetic Induction		
Alternating Current		
Electromagnetic Waves		
Ray Optics		18
Optical Instrument		
Wave-Optics		
Dual Nature of Radiation & Matter		12
Atoms		
Nuclei		
Semiconductor		
TOTAL	70	70

PRACTICALS

EVALUATION SCHEME FOR EXAMINATION	MARKS
Two experiments one from each section	7+7
Practical Record	5
One activity from each section	3
Project Work	3
Viva	5
TOTAL	30

CHEMISTRY

Time:3Hours

Total Marks70

NAME OF THE CHAPTER	MARKS DISTRIBUTION FOR HALF-YEARLY EXAMS	MARKS DISTRIBUTION FOR ANNUAL EXAMS
Solutions	10	7
Electrochemistry	13	9
Chemical Kinetics		7
D & f- Block elements	12	7
Coordination Compounds	12	7
Haloalkanes and Haloarenes	12	6
Alcohols, Phenols and Ethers	11	6
Aldehydes, Ketones and Carboxylic Acids		8
Amines		6
Biomolecules		7
TOTAL MARKS	70	70

PRACTICALS

EVALUATION SCHEME FOR EXAMINATION	MARKS
Volumetric Analysis	8
Salt Analysis	8
Content Based Experiment	6
Project Work	4
Class record & Viva	4
TOTAL	30

BIOLOGY

Unit	Title	Half Yearly Marks	Annual Marks
I	Reproduction	32	16
II	Genetics and Evolution	38	20
III	Biology and Human Welfare	-	12
IV	Biotechnology and its Applications	-	12
V	Ecology and Environment	-	10
	Total	70	70

PRACTICALS

Evaluation Scheme For Examination

Title	Marks
One Experiment from Part A	5
One Minor Experiment from Part A	4
Slide Preparation	5
Spotting Part B	7
Practical Record + Viva	4
Project Record + Viva	5
	30

MATHEMATICS

Name of the Chapter	Marks Distribution for Half Yearly Exams	Marks Distribution for Annual Exams
Relations and Functions	13	08
Inverse Trigonometric Functions		
Matrices	22	10
Determinants		
Continuity and Differentiability	45	35
Application of Derivatives		
Integrals		
Application of Integrals		
Differential Equations	-	
Vector Algebra	-	14
Three Dimensional Geometry	-	
Linear Programming	-	05
Probability	-	08
TOTAL MARKS	80	80

INTERNAL ASSESSMENT

MARKS- 20

PERIODIC TESTS	10 Marks
MATHEMATICS ACTIVITIES	10 Marks

Design of Question Paper

Sr. No.	Type of Question	Marks for Each Question	No. of Questions	Total Marks
1	MCQ/Assertion-Reasoning	1	20	20
2	VSA	2	5	10
3	SA	3	6	18
4	LA	5	4	20
5	Case Study	4	3	12
	Total		38	80

ACCOUNTANCY

Theory: 80 Marks

Project 20 Marks

Units		Half Yearly	Annual
Part A	Accounting for Partnership Firms and Companies		
	Unit - 1 Accounting for Partnership Firms	50	36
	Unit – 2 Accounting for Companies	30	24
Part B	Financial Statement Analysis		
	Unit - 3 Analysis of Financial Statement		12
	Unit - 4 Cash Flow Statement		8
Part C	Project Work	20	20
	Total	100	100

BUSINESS STUDIES

Theory: 80 Marks

Project: 20 Marks

Units		Marks (Half Yearly)	Marks (Final)
Part A	Principles and Functions of Management		
1	Nature and Significance of Management		
2	Principles of Management	26	16
3	Business Environment		
4	Planning	20	14
5	Organising		
6	Staffing		
7	Directing	28	20
8	Controlling		
Part B	Business Finance and Marketing		
9	Financial Management	6	15
10	Financial Market		
11	Marketing Management		15
12	Consumer Protection		
Part C	Project Work	20	20
	Total	100	100

Project : Any One

1. Principles of Management
2. Business Environment
3. Financial Markets
4. Marketing Management

ECONOMICS

Theory :80

Project :20

Units		Marks Half Yearly	Marks Annual
Part - A	Introductory Macroeconomics		
	National Income and Related Aggregates	18	10
	Money and Banking	10	6
	Determination of Income and Employment		12
	Government Budget and the Economy	10	6
	Balance of Payments	10	6
Part - B	Indian Economic Development		
	Development Experience (1947-90) and Economic Reforms since 1991	20	12
	Current Challenges facing Indian Economy		20
	Development Experience of India – A Comparison with Neighbours	12	8
Part - C	Project Work	20	20
Total		100	100

POLITICAL SCIENCE

Theory :80

Project :20

Units	Half Yearly	Annual
Part A : Contemporary World Politics		
1. The end of Bipolarity	10	6
2. Contemporary centres of Power	10	6
3. Contemporary South Asia	10	6
4. International Organizations	10	6
5. Security in Contemporary World	10	6
6. Environment and Natural Resources	10	6
7. Globalization	8	4
Part B: Politics in India since Independence		
1. Challenges of Nation Building	12	6
2. Era of One-Party Dominance		4
3. Politics of Planned Development		2
4. India's External Relations		6
5. Challenges to and Restoration of the Congress System		4
6. The Crisis of Democratic Order		4
7. Regional Aspirations		6
8. Recent Developments in Indian Politics		8
		40
Total	80	80

Question Paper Design

Book	Objective Type / MCQ (1 Mark)	Short Answers Type I (2 Marks)	Short Answers Type II (4 Marks)	Passage / Map / Cartoon Based (4 Marks)	Long Answers (6 Marks)	Total Marks
Book I Contemporary World Politics	6	3	3	1 (Passage)	2	40
Book 2 Politics in India since Independence	6	3	2	2 (Cartoon and Map)	2	40
Project / Practical						20
Total No. of Marks and Questions	1x12=12	2x6=12	4x5=20	4x3=12	6x4=24	80+20=100

Scheme of Options :

- Question paper will be in five parts (A, B, C, D & E). There will be an internal choice in Part C (Short Answer Type II in one or two questions) and Part - E. (Long Answer in all the questions)
- In order to assess different mental abilities of learners, question paper is likely to include questions based on passages, visuals such as maps, cartoons.
- Map question can be given from any lesson of Book 2 (Politics in India since Independence).
- Cartoon and passage-based questions can be asked from either textbook.

HISTORY

Theory :80

Project :20

	Marks for Half Yearly	Marks for Annual
Book I		
Theme – One	37	25
Theme – Two		
Theme- Three		
Theme – Four		
Book II		
Theme - Five	38	25
Theme - Six		
Theme – Seven		
Theme- Eight		
Book – III		
Theme – Ten		25
Theme – Eleven		
Theme – Thirteen		
Theme - Fifteen		
Map Work	5	5
Project Work		20
Total		100

PSYCHOLOGY

Theory : 70

UNITS	TOPICS	Half Yearly	Annual
I	Variations in Psychological Attributes	20	13
II	Self and Personality	20	13
III	Meeting Life Challenges	10	9
IV	Psychological Disorders	20	12
V	Therapeutic Approaches		9
VI	Attitude and Social Cognition		8
VII	Social Influence and group Processes		6
	TOTAL	70	70

Practical

Tools for Practical Assessment	Weightage
Practical (Experiments) File and Case Profile	10 Marks
Viva Voce (Projects and Experiments)	5 Marks
One Experiment(05 for conduct and 10 for reporting)	15 Marks
Total	30 Marks

IP

Half Yearly

Unit – 1 (Data Handling using Pandas & Data Visualization)

Unit - 3 (Introduction to Computer Networks)

Practical File + Written of Python

Revision of the above.

Annual Exam

Unit – 2 (Database Query using SQL)

Unit - 4 (Societal Impacts)

Revision of Units 1 to 4

Project Submission

Distribution of Marks for Final Exams

Unit – 1	25 marks
Unit – 2	25
Unit -3	10
Unit – 4	10
Total	70

Practical :

Practical Written	–15 Marks (8 Marks Python , 7 Marks SQL)
File	- 5 Marks (19 Programs of Python, 15 of SQL)
Project	- 5 Marks
Viva	- 5 marks
Total	- 30 marks

PHYSICAL ACTIVITY TRAINER

UNITS	TOPICS	HALF YEARLY	ANNUAL
PART A			
I	COMMUNICATION SKILLS	2	2
II	SELF MANAGEMENT SKILLS	2	2
III	INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS	2	2
IV	ENTREPRENEURIAL SKILLS	2	2
V	GREEN SKILL	2	2
	TOTAL	10	10
PART B			
I	OVERVIEW OF PHYSICAL EDUCATION SPORTS SECTOR	20	10
II	ASSESSMENT OF STUDENTS	20	10
III	EMERGENCY MANAGEMENT		10
IV	HEALTH AND HYGIENE IN PLAY AREA		10
	TOTAL	50	40

PRACTICAL

PRACTICAL WORK	WEIGHTAGE
PRACTICAL EXAMINATION	15
WRITTEN TEST	10
VIVA VOCE	10
TOTAL	35
PROJECT WORK/FIELD VISIT	
PRACTICAL FILE/STUDENT PORTFOLIO	10
VIVA VOCE	5
TOTAL	15

PAINTING

Half Yearly

- 1) Rajasthani School
- 2) Mugal School
- 3) Pahari School
- 4) Deccan School
- 5) Bengal School

Annual

- 1) National Flag
- 2) Modern Trends
- 3) Paintings
- 4) Graphic Prints
- 5) Sculpture

Theory: 30 Practical : 70

Section A	1 Mark Question	1 x 6	6
Section B	2 Marks Question	2 x 3	6
Section C	3 Marks Question	3 x 2	6
Section D	3 Marks Question	3 x 2	6
Section E	6 Marks Question	6 x 1	6
Total			30

TYPOGRAPHY AND COMPUTER APPLICATION

UNITS	TOPICS	HALF YEARLY MARKS	ANNUAL MARKS
PART-A EMPLOYABILITY SKILLS			
UNIT-1	COMMUNICATION SKILLS	3	2
UNIT-2	SELF MANAGEMENT SKILLS	3	2
UNIT-3	ICT SKILLS	4	2
UNIT-4	ENTREPRENEURIALS SKILLS		2
UNIT-5	GREEN SKILLS		2
TOTAL		10	10
PART-B			
UNIT-1	CORRESPONDANCE	10	8
UNIT-2	MANUSCRIPT	10	8
UNIT-3	MS EXCEL	20	14
UNIT-4	MS POWERPOINT		8
UNIT-5	INTERNET SEARCH		4
UNIT-6	E-MAIL		4
UNIT-7	COMPUTER VIRUS	10	4
TOTAL			50
PART-C PRACTICAL WORK		40	
PROJECT			10
VIVA			5
PRACTICAL FILE			15
DEMONSTRATION OF SKILL COMPETENCY VIA LAB ACTIVITIES			10
TOTAL			40
GRAND TOTAL			100

PHYSICAL EDUCATION

Half Yearly

Contents:

- 1 Management of Sporting Events
- 2 Children and Women in Sports
- 3 Yoga as preventive measure for lifestyle diseases
- 4 Physical Education & Sports for CWSN
- 5 Sports and Nutrition
- 6 Test and Measurement in Sports

Annual

Contents:

- 7 Physiology & Injuries in Sports
- 8 Biomechanics & Sports
- 9 Psychology & Sports
- 10 Training in sports

Full Syllabus for Final Exams

