



DELHI PUBLIC SENIOR SECONDARY SCHOOL BRAHMAPUR

Affiliated to CBSE, New Delhi, Affiliation No. 1530300



CLASS - XII

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SCHEME OF EVALUATION

SESSION (2026 – 2027)

CLASS - XII

SR NO	EVALUATION	MONTH	MAXIMUM MARK
1	PERIODIC ASSESSMENT - 1	APRIL To JULY	40 / 35 MARKS
2	PERIODIC ASSESSMENT - 2	AUGUST To SEPTEMBER	80 / 70 MARKS
3	PRE BOARD - 1	OCTOBER & NOVEMBER	80 / 70 MARKS
4	PRE - BOARD (SAHADAYA)	DECEMBER To JANUARY	80 / 70 MARKS

ENGLISH CORE

BOOKS RECOMMENDED

SUBJECT CODE - 301

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
PA - 1	APRIL To JULY	<p><u>CREATIVE WRITING SKILL</u> Ch. - 1: Article Writing Ch. - 2: Notice Writing Ch. - 3: Invitations and Replies</p> <p><u>FLAMINGO</u> Ch. - 1: The Last Lesson (Prose) Ch. - 2: Lost Spring (Prose) Ch. - 3: Deep Water (Prose) Ch. - 1: My Mother at Sixty-Six (Poetry) Ch. - 2: Keeping Quiet (Poetry)</p> <p><u>SUPPLEMENTARY</u> Ch. - 1: The Third Level Ch. - 2: The Tiger King</p>	<p>Class Test Group Discussion</p>	<p><u>CREATIVE WRITING SKILL</u> Ch. - 1, 2, 3</p> <p><u>FLAMINGO</u> Ch. - 1, 2, 3 (Prose) Ch. - 1, 2 (Poetry)</p> <p><u>SUPPLEMENTARY</u> Ch. - 1, 2</p>
PA - 2	AUGUST To SEPTEMBER	<p><u>CREATIVE WRITING SKILL</u> Ch. - 4: Letter Writing, Formal Letter (Letter to Editor & Letter of Job application) Ch. - 5: Report Writing</p> <p><u>FLAMINGO</u> Ch. - 4: The Rattrap (Prose) Ch. - 5: Indigo (Prose) Ch. - 6: Poets and Pancakes (Prose) Ch. - 3: A thing of beauty (Poetry) Ch. - 4: A Roadside Stand (Poetry)</p> <p><u>SUPPLEMENTARY</u> Ch. - 3: Journey to The End of The Earth Ch. - 4: The Enemy Ch. - 5: On the Face of it</p>	<p>Project</p>	<p><u>CREATIVE WRITING SKILL</u> Ch. - 1 to 5</p> <p><u>FLAMINGO</u> Ch. 1 to 6 (Prose) Ch. 1 to 4 (Poetry)</p> <p><u>SUPPLEMENTARY</u> Ch. 1, 2, 4, 5</p>

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
PRE-BOARD - 1	OCTOBER & NOVEMBER	<u>CREATIVE WRITING SKILL</u> Revision of all Chapters <u>FLAMINGO</u> Ch. - 7: The Interview (Prose) Ch. - 8: Going Palace (Prose) Ch. - 5: Aunt Jerrifer's Tiger (Poetry) <u>SUPPLEMENTARY</u> Ch. - 6: Memories of Childhood	Assessment of Listening and Speaking Skills	As Per the CBSE Curriculum (All Chapters)
PRE-BOARD - 2 (SAHADAYA)	DECEMBER To JANUARY	As Per the CBSE Curriculum	Assessment of Listening and Speaking Skills	As Per the CBSE Curriculum (All Chapters)

ENGLISH CORE INTERNAL EVALUATION (ANNUAL)

INTERNAL ASSESSMENT

Assessment of Listening Skills	- 05 marks.
Assessment of Speaking Skills	- 05 Marks
Project Work	- 10 Marks

ENGLISH CORE
QUESTION PAPER DESIGN
CLASS- XII (2025-26)

Section	Competencies	Total marks
Reading Skills	Conceptual understanding, decoding, Analyzing, inferring, interpreting, appreciating, literary, conventions and vocabulary, summarizing and using appropriate format/s.	22
Creative Writing Skills	Conceptual Understanding, application of rules, Analysis, Reasoning, appropriate style and tone, using appropriate format and fluency, inference, analysis, evaluation and creativity.	18
Literature Text Book and Supplementary Reading Text	Recalling, reasoning, critical thinking, appreciating literary convention, inference, analysis, creativity with fluency.	40
	TOTAL	80
Internal Assessment	Assessment of Listening and Speaking Skills	10
	<ul style="list-style-type: none"> • Listening • Speaking 	5+5
	<ul style="list-style-type: none"> • Project Work 	10
	GRAND TOTAL	100

MATHEMATICS

SUBJECT CODE - 041

BOOKS RECOMMENDED

Text Book for CLASS XII Math - Part 1

Text Book for CLASS XII Math - Part 2

(NCERT)

MATH NCERT EXAMPLAR

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
PA - 1	APRIL To JULY	<p>Chapter - 1: Relations and Functions</p> <p>Chapter - 2: Inverse Trigonometric Functions</p> <p>Chapter - 3: Matrices</p> <p>Chapter - 4: Determinants</p>	<p>Activity - 1 To verify that the relation R in the set L of all lines in a plane, defined by $R = \{(l, m) : l \perp m\}$ is symmetric but neither reflexive nor transitive.</p> <p>Activity - 2 To demonstrate a function which is one-one but not onto.</p> <p>Activity - 3 To find analytically the limit of a function $f(x)$ at $x = c$ and also to check the continuity of the function at that point.</p>	Chapter - 1 to 4
PA - 2	AUGUST To SEPTEMBER	<p>Chapter - 5: Continuity and Differentiability</p> <p>Chapter - 6: Application of Derivatives</p> <p>Chapter - 7: Integration (7.1 to 7.10)</p>	<p>Activity - 4 To explore the principal value of the function $\sin^{-1} x$ using a unit circle.</p> <p>Activity - 5 Concept map of matrix and determinates</p> <p>Activity - 6 To Understand the concepts of decreasing and increasing function</p>	Chapter - 1 to 7

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
PRE-BOARD - 1	OCTOBER & NOVEMBER	Chapter - 8: Application of Integrals Chapter - 9: Differential Equations Chapter -10: Vector Algebra Chapter -11: Three Dimensional Geometry Chapter -12: Linear Programming Chapter -13: Probability	Activity - 7 Concept map of definite integration and indefinite integration. Activity - 8 Concept Map of Probability.	All the Chapters
PRE-BOARD - 2 (SAHADAYA)	DECEMBER To JANUARY	As Per the CBSE Curriculum	CBSE Board Practical	As Per the CBSE Curriculum (All Chapters)

MATHEMATICS INTERNAL EVALUATION (ANNUAL)

INTERNAL ASSESSMENT	20 MARKS
Periodic Tests (Best 2 out of 3 tests conducted)	10 Marks
Mathematics Activities	10 Marks

Note: For activities NCERT Lab Manual may be referred.

MATHEMATICS (Code No. – 041)

QUESTION PAPER DESIGN

CLASS – XII (2025-26)

Time: 3 hours

Max. Marks: 80

S. No.	Typology of Questions	Total Marks	% Weightage
1	Remembering: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers. Understanding: Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas	44	55
2	Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.	20	25
3	Analysing : Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations Evaluating: Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria. Creating: Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions	16	20
	Total	80	100

COURSE STRUCTURE

MATHEMATICS

No.	Units	Marks
I.	Relations and Functions	08
II.	Algebra	10
III.	Calculus	35
IV.	Vectors and Three - Dimensional Geometry	14
V.	Linear Programming	05
VI.	Probability	08
	Total	80
	Internal Assessment	20

PHYSICS

SUBJECT CODE - 042

BOOKS RECOMMENDED

Text Book for CLASS XII PHYSICS PART - 1

Text Book for CLASS XII PHYSICS PART - 2

(NCERT)

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
PA - 1	APRIL To JULY	<p><u>Unit-I Electrostatics</u> Chapter-1: Electric Charges and Fields Chapter-2: Electrostatic Potential and Capacitance</p> <p><u>Unit-II Current Electricity</u> Chapter-3: Current Electricity</p> <p><u>Unit-III Magnetic Effects of Current and Magnetism</u> Chapter-4: Moving Charges and Magnetism</p>	<p>Section - A Experiment:</p> <ul style="list-style-type: none"> To determine resistivity of two / three wires by plotting a graph for potential difference versus current. To find resistance of a given wire / standard resistor using metre bridge. To verify the laws of combination (series) of resistances using a metre bridge <p>Activity:</p> <ul style="list-style-type: none"> To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source. <p>To assemble the components of a given electrical circuit.</p>	Chapter - 1, 2, 3, 4
PA - 2	AUGUST To SEPTEMBER	<p><u>Unit-III Magnetic Effects of Current and Magnetism</u></p>	<p>Section - A Experiment:</p>	Chapter - 5, 6, 7

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
		Chapter-5: Magnetism and Matter <u>Unit-IV Electromagnetic Induction and Alternating Currents</u> Chapter-6: Electromagnetic Induction Chapter-7: Alternating Current <u>Unit-V Electromagnetic Waves</u> Chapter-8: Electromagnetic Waves	<ul style="list-style-type: none"> To convert the given galvanometer (of known resistance and figure of merit) into a voltmeter of desired range and to verify the same. <p>Section - B Experiment:</p> <ul style="list-style-type: none"> To find the focal length of a convex lens by plotting graphs between u and v or between $1/u$ and $1/v$ To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation. <p>Section - A Activity:</p> <ul style="list-style-type: none"> To draw the diagram of a given open circuit comprising at least a battery, resistor/rheostat, key, ammeter and voltmeter. Mark the 	

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
			<p>components that are not connected in proper order and correct the circuit and also the circuit diagram.</p> <p>Section - B Activity: To identify a diode, an LED, a resistor and a capacitor from a mixed collection of such items.</p>	
PRE-BOARD - 1	OCTOBER & NOVEMBER	<p><u>Unit-VI Optics</u> Chapter-9: Ray Optics and Optical Instruments Chapter-10: Wave Optics <u>Unit-VII Dual Nature of Radiation and Matter</u> Chapter-11: Dual Nature of Radiation and Matter <u>Unit-VIII Atoms and Nuclei</u> Chapter-12: Atoms Chapter-13: Nuclei <u>Unit-IX Electronic Devices</u> Chapter-14: Semiconductor Electronics: Materials, Devices and Simple Circuits</p>	<p>Section - B Experiment:</p> <ul style="list-style-type: none"> To determine refractive index of a glass slab using a travelling microscope. To draw the I-V characteristic curve for a p-n junction diode in forward and reverse bias. <p>Section - A Activity:</p> <ul style="list-style-type: none"> To measure resistance, voltage (AC/DC), current (AC) and check continuity of a given circuit using multimeter. <p>Section - B</p>	All Chapters

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
			Activity: To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab.	
PRE-BOARD - 2 (SAHADAYA)	DECEMBER To JANUARY	As Per the CBSE Curriculum	CBSE Board Practical	As Per the CBSE Curriculum

PHYSICS PRACTICAL EVALUATION (ANNUAL)

The record to be submitted by the students at the time of their annual examination has to include:

- Record of at least 8 Experiments [with 4 from each section], to be performed by the students.
- Record of at least 6 Activities [with 3 each from section A and section B], to be performed by the students.
- The Report of the project carried out by the students.

Evaluation Scheme

Max. Marks: 30

Time 3 hours

Two experiments one from each section	7+7 Marks
Practical record [experiments and activities]	5 Marks
One activity from any section	3 Marks
Investigatory Project	3 Marks
Viva on experiments, activities and project	5 Marks
Total	30 marks

CHEMISTRY

SUBJECT CODE - 042

BOOKS RECOMMENDED

Text Book for CLASS XII CHEMISTRY PART - 1
Text Book for CLASS XII CHEMISTRY PART - 2
(NCERT)

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
PA - 1	APRIL To JULY	1. Solutions 2. Electrochemistry 6. Haloalkane and Haloarenes 7. Alcohol, Phenol and Ethers	<ul style="list-style-type: none">• Titration - 1• Titration - 2	PA - I Portion
PA - 2	AUGUST To SEPTEMBER	3. Chemical Kinetics 4. The d and f Block Elements 8. Aldehydes, Ketones and carboxylic acids 9. Amines	<ul style="list-style-type: none">• Salt Analysis - 1• Salt Analysis - 2• Salt Analysis - 3• Salt Analysis - 4	PA - II Portion
PRE-BOARD - 1	OCTOBER & NOVEMBER	5. Coordination Compounds 10. Biomolecules	<ul style="list-style-type: none">• Preparation of starch Sol• Preparation of Mohr's Salt• Preparation of Potash Alum• Detection of Functional Groups	All Chapters
PRE-BOARD - 2 (SAHADAYA)	DECEMBER To JANUARY	As Per the CBSE Curriculum	CBSE Board Practical	As Per the CBSE Curriculum (All Chapters)

CHEMISTRY PRACTICAL EVALUATION (ANNUAL)

PRACTICALS

Evaluation Scheme for Examination	Marks
Volumetric Analysis	08
Salt Analysis	08
Content Based Experiment	06
Project Work	04
Class record and viva	04
Total	30

BIOLOGY

SUBJECT CODE - 044

BOOKS RECOMMENDED

Text Book for CLASS XII (NCERT)

Biology Lab Manual

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
PA - 1	APRIL To JULY	Chapter-1: Sexual Reproduction in Flowering Plants Chapter-2: Human Reproduction Chapter-4: Principles of Inheritance and Variation Chapter-7: Human Health and Diseases	Experiments 1) Prepare a temporary mount to observe pollen germination. 2) Study the plant population density by quadrat method. Spotting 1) Flowers adapted to pollination by different agencies (wind, insects, birds). 2) Pollen germination on stigma through a permanent slide or scanning electron micrograph. 3) Identification of stages of gamete development, i.e., T.S. of testis and T.S. of ovary through permanent slides (from grasshopper/mice). Meiosis in onion bud cell or grasshopper testis through permanent slides.	Chapter - 1 & 4
PA - 2	AUGUST To SEPTEMBER	Chapter-3: Reproductive Health Chapter-5: Molecular Basis of Inheritance	Experiments	Chapter - 1, 2, 3, 4, 5, 6, 7, 8, 11

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
		Chapter-6: Evolution Chapter-8: Microbes in Human Welfare Chapter-11: Organisms and Populations	3) Study the plant population frequency by quadrat method. 4) Prepare a temporary mount of onion root tip to study mitosis. Spotting 5) T.S. of blastula through permanent slides (Mammalian). 6) Mendelian inheritance using seeds of different colour/sizes of any plant. 7) Prepared pedigree charts of any one of the genetic traits such as rolling of tongue, blood groups, ear lobes, widow's peak and colour blindness. Controlled pollination - emasculation, tagging and bagging.	
PRE-BOARD - 1	OCTOBER & NOVEMBER	Chapter-9: Biotechnology - Principles and Processes Chapter-10: Biotechnology and its Applications Chapter-12: Ecosystem Chapter-13: Biodiversity and its Conservation	Experiments 4) Isolate DNA from available plant material such as spinach, green pea seeds, papaya, etc. Spotting 8) Common disease causing organisms like Ascaris, Entamoeba,	All Chapters

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
			<p>Plasmodium, any fungus causing ringworm through permanent slides, models or virtual images or specimens. Comment on symptoms of diseases that they cause.</p> <p>9) Models specimen showing symbolic association in root modules of leguminous plants, Cuscuta on host, lichens.</p> <p>Flash cards models showing examples of homologous and analogous organs.</p>	
PRE-BOARD - 2 (SAHADAYA)	DECEMBER To JANUARY	As Per the CBSE Curriculum	CBSE Board Practical	As Per the CBSE Curriculum (All Chapters)

BIOLOGY PRACTICAL EXAMINATION

PRACTICALS

Time allowed: 3 Hours

Max. Marks: 30

Evaluation Scheme		Marks
One Major Experiment	5	5
One Minor Experiment	2 & 3	4
Slide Preparation	1 & 4	5
Spotting		7
Practical Record + Viva Voce	(Credit to the student's work over the academic session may be given)	4
Investigatory Project and its Project Record + Viva Voce		5
Total		30

COMPUTER SC.

SUBJECT CODE - 083

BOOKS RECOMMENDED

Computer Science with Python
(Textbook for Class - XII)

Sumita Arora - Dhanpat Rai & Co.

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
PA - 1	APRIL To JULY	Chapter - 1: Python Revision Tour - I Chapter - 2: Python Revision Tour - II Chapter - 3: Working with Function Chapter - 4: Using Python Libraries	Programs on List, Tuple, Dictionary, String Manipulation & Exception Handling	Chapter - 1 to 4
PA - 2	AUGUST To SEPTEMBER	Chapter - 5: File Handling Chapter - 6: Exception Handling Chapter - 7: Data Structure - I Chapter - 8: Computer Networks - I Chapter - 9: Computer Networks - II	Programs on File Handling, Data Structure Concept using Stack	Chapter - 1 to 9
PRE-BOARD - 1	OCTOBER & NOVEMBER	Chapter - 10: Relational Database Chapter - 11: Simple Queries in SQL Chapter - 12: Table Creation and Data Manipulation Chapter - 13: Group Records, Joins in SQL Chapter - 14: Interface python with MySQL	Database Commands Using SQL & MySQL	All Chapters
PRE-BOARD - 2 (SAHADAYA)	DECEMBER To JANUARY	As Per the CBSE Curriculum	CBSE Board Practical	As Per the CBSE Curriculum (All Chapters)

COMPUTER SCIENCE PRACTICAL EVALUATION

S.No	Unit Name	Marks (Total=30)
1	Lab Test: 1. Python program (60% logic + 20% documentation + 20% code quality)	8
	2. SQL queries (4 queries based on one or two tables)	4
2	Report file: <ul style="list-style-type: none">• Minimum 15 Python programs.• SQL Queries – Minimum 5 sets using one table / two tables.• Minimum 4 programs based on Python – SQL connectivity	7
3	Project (using concepts learnt in Classes 11 and 12)	8
4	Viva voce	3

Project

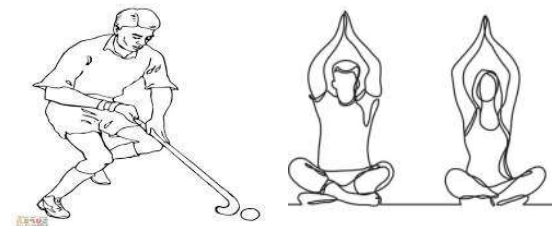
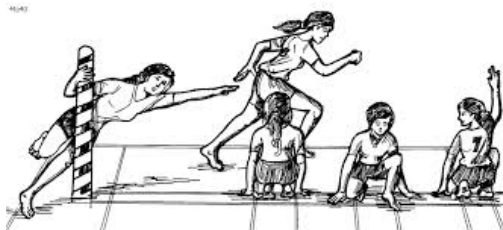
The aim of the class project is to create something that is tangible and useful using Python file handling/ Python-SQL connectivity. This should be done in groups of two to three students and should be started by students at least 6 months before the submission deadline. The aim here is to find a real world problem that is worthwhile to solve.

Suggested Reading Material

- **NCERT Textbook for COMPUTER SCIENCE (Class XII)**
- **Support Materials on the CBSE website.**

GAME

Physical Education



MONTHS	CHAPTERS NAME	SKILL
APRIL To JULY	<ol style="list-style-type: none"> 1. Cricket 2. Throw Ball 3. Yoga: Dhanurasana, Suryanamaskar 	<ul style="list-style-type: none"> • Physically kept the body fit encouraged concentration. • Keep the body free from diseases
AUGUST To SEPTEMBER	<ol style="list-style-type: none"> 1. Vollyball 2. Kabadi 3. Yoga: Padmasana, Surbangasana 	<ul style="list-style-type: none"> • Physically kept the body fit • Cures the Thyroid Problem and Constipation problem
OCTOBER & DECEMBER	<ol style="list-style-type: none"> 1. Football 2. Chess 3. Yoga: Chakrasana, Sabasana 	<ul style="list-style-type: none"> • Physically kept the body fit • Keep the body free from fat and avoid heat beam problems
	<ol style="list-style-type: none"> 1. Kha - Kho 2. Badminton 3. Yoga: Suryanamaskar, Sidhasana 	<ul style="list-style-type: none"> • Deepavali physically and mentally fit and increase eye sight • Keep your backbone, leg, hand and waist Bones strong • Increses digestion power

PAINTING

BOOKS RECOMMENDED

- History Of Indian Art For Class 12

MONTHS	ACTIVITY
APRIL To JULY	<ul style="list-style-type: none">• MARKET• RAILWAY STATION COMPOSITION (WATER COLOUR)
AUGUST To SEPTEMBER	<ul style="list-style-type: none">• BUS STAND• NATIONAL SPORTS (WATER COLOUR)
OCTOBER & DECEMBER	<ul style="list-style-type: none">• OBJECT & NATURE STUDY (WATER COLOUR)• LANDSCAPE (CANVAS ACRYLIC COLOUR)

DRAWING MATERIALS:

1. DRAWING COPY : 29.7 × 42CM (BIG SIZE)
2. PENCIL : 2B, 6B, 8B, 10B & ERASER
3. ARTIST WATER COLOUR TUBE
4. ACRYLIC COLOUR : WHITE, BLACK, RED, YELLOW, BLUE
5. SHORTHAIR ROUND BRUSH: NO. 1,2, 4, 6, 8
6. SHORT HAIR FLAT BRUSH : 3, 6, 8, 12
7. CANVAS SIZE : 10"× 12" - 2 PIECE
8. CHART PAPER (DRAWING SHEET): 20 NOS