



DELHI PUBLIC SENIOR SECONDARY SCHOOL

BRAHMAPUR

Affiliated to CBSE, New Delhi, Affiliation No. 1530300



CLASS - XI

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SCHEME OF EVALUATION

SESSION (2026 – 2027)

CLASS - XI

SR NO	MONTH	EVALUATION	MAXIMUM THEORY MARK	MAXIMUM INTERNAL/PRACTICAL MARK
1	JULY To SEPTEMBER	PERIODIC ASSESSMENT – I	80 / 70 MARKS (4 th Week of September)	-----
2	OCTOBER To DECEMBER	PERIODIC ASSESSMENT – II	40 / 35 MARKS (1 st Week of December)	-----
3	DECEMBER & FEBRUARY	ANNUAL EXAMINATION	80 / 70 MARKS (2 nd Week of February)	20 / 30 MARKS (1 st Week of February)

SUBJECT CODE – 301

- 1) Text Book for CLASS – XI
- 2) Hornbill: Core Course (**NCERT**)
- 3) Snapshot: Supplementary Reader (**NCERT**)

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
PERIODIC ASSESSMENT – I	JULY To SEPTEMBER	HORNBILL 1) The Portrait of a Lady (Prose) 2) A Photograph (Poem) 3) We are not afraid to Die : if we can all to be together 4) Discovering Tut – The Saga Continue (Prose) 5) The Laburum Top (Poem)	1) CLASS TEST	HORNBILL Ch. - 1,2,3 (Prose + Poem) SNAPSHOT Ch. – 1 WRITING SKILL Note - Making Summarizing Advertisement, Unseen Passage, Gap Filling, Tense HORNBILL Chapter – 1 to 7 SNAPSHOT Chapter – 1 & 2 WRITING SKILL Unseen passage,Note Making, Creating writing Speech, Debate, Poster – Making, Summarizing
		SNAPSHOT 1) The Summer of the Beautiful white Horse	2) CLASS TEST	
		WRITING SKILL & GRAMMAR Note Making, Summarizing, Tense, Writing – Speech Writing – Debate, Creative writing Skill – Advertisement	ORAL TEST	
		HORNBILL 6) The voice of the Rain (Poem) 7) Childhood (Poem)		
		SNAPSHOT 2) The Address (prose)		
		WRITING SKILL Creative Writing – Speech Writing – Debate , Poster Making		

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
PERIODIC ASSESSMENT – II	OCTOBER To DECEMBER	<u>HORNBILL</u> 8) The Adventure (Prose) 9) Silk Road (Prose) <u>SNAPSHOT</u> 3) Mother's Day (Play) 4) Birth (Prose) <u>GRAMMAR</u> Tense, Clause	-----	<u>HORNBILL</u> Chapter – 8 & 9 <u>SNAPSHOT</u> Chapter – 3 & 4 <u>WRITING SKILL</u> Debate Writing, Unseen passage, Note Making <u>GRAMMAR :</u> Tense, Clause
ANNUAL EXAMINATION	DECEMBER & FEBRUARY	<u>HORNBILL</u> 10) Father to Son <u>SNAPSHOT</u> 5) The Tale of Melon City <u>GRAMMAR</u> Tense, Clause <u>ADDITIONAL COURSE OF CLASS – XII</u> Writing Skill 1) Notice Writing 2) Invitation 3) Letter to Editor 4) Article Writing / Report Writing	5) REVISION 6) CLASS TEST ASL (PROJECT)	<u>GRAMMAR</u> Tense, Clause <u>HORNBILL</u> Chapter – 1 to 10 (All Chapters) <u>SNAPSHOT</u> Chapter 1 to 5 (All Chapters) <u>WRITING SKILL</u> Note Making, Summarizing, Tense, Writing – Speech Writing – Debate, Creative writing Skill – Advertisement Unseen Passage Poster Making

ENGLISH CORE INTERNAL EVALUATION (ANNUAL)

INTERNAL ASSESSMENT

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

MATHEMATICS

SUBJECT CODE - 041

BOOKS RECOMMENDED

Text Book for CLASS XI Math – Part 1

Text Book for CLASS XI Math – Part 2

(NCERT)

MATH NCERT EXAMPLAR

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
PERIODIC ASSESSMENT – I	JULY To SEPTEMBER	1. Sets 2. Relations & Functions 3. Trigonometric Functions 4. Complex Numbers & Quadratic Equations 5. Linear Inequalities 6. Permutations & Combinations	1) To find the numbers of subsets of a given set and verify that the number of subsets 2^n 2) To verify geometrically the meaning of $i = \sqrt{-1}$ and its integral powers. 3) To obtain a quadratic function with the help of a linear function graphically. 4) To verify that the graph of a given inequality say $5x + 4y - 40 < 0$ of the form, $ax + by + c < 0$ $a, b > 0, c < 0$. Represents only one of the two half planes.	Chapter – 1 to 6
PERIODIC ASSESSMENT – II	OCTOBER To DECEMBER	7. Binomial Theorem 8. Sequences & Series 9. Straight Lines 10. Conic Sections	5) Find the number of ways in which 3 cards can be selected from 5 given cards. 6) To obtain formula for sum of squares of 1 st natural numbers.	Chapter – 7, 8, 9

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
ANNUAL EXAMINATION	DECEMBER & FEBRUARY	11. Introduction to Three-Dimensional Geometry 12. Limits & Derivatives 13. Statistics 14. Probability	7) To construct a parabola 8) To find analytically $\lim_{x \rightarrow c} f(x) = \frac{x^2 - c^2}{x - c}$	ALL THE CHAPTERS SYLLABUS

PHYSICS

SUBJECT CODE - 042

BOOKS RECOMMENDED

Text Book for CLASS XI PHYSICS PART - 1

Text Book for CLASS XI PHYSICS PART - 2

(NCERT)

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
PERIODIC ASSESSMENT - I	JULY To SEPTEMBER	1. Ch-1: Units & Measurements 2. Ch-2: Kinematics (1-D) 3. Ch-3: Kinematics (2D & 3D) (Motion in a Plane) 4. Ch-4: Laws of Motion 5. Ch-5: Work, Energy, Power	Sec-A Practicals: 1. To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Calipers and hence find its volume. 2. To measure diameter of a given wire and thickness of a given sheet using screw gauge. Activity: 1. To make a paper scale of given least count, e.g., 0.2cm, 0.5 cm.	1. Ch-1: Units & Measurements 2. Ch-2: Kinematics (1-D) 3. Ch-3: Kinematics (2D & 3D) (Motion in a Plane) 4. Ch-4: Laws of Motion 5. Ch-5: Work, Energy, Power
PERIODIC ASSESSMENT - II	OCTOBER To DECEMBER	6. System of Particles & Rigid Body 7. Gravitation 8. Mechanical Properties of Solids 9. Mechanical Properties of Fluids 10. Thermal Properties of Matter	Practicals: 3. To determine volume of an irregular lamina using screw gauge. 4. To determine radius of curvature of a given	6. System of Particles & Rigid Body 7. Gravitation 8. Mechanical Properties of Solids 9. Mechanical Properties of Fluids

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
			spherical surface by a spherometer 5. To find the weight of a given body using parallelogram law of vectors. Activities:	10. Thermal Properties of Matter
ANNUAL EXAMINATION	DECEMBER & FEBRUARY	11. Thermodynamics 12. Kinetic Theory of Gases 13. Oscillation 14. Waves	Sec-A 6. To find the weight of a given body using parallelogram law of vectors. 7. Using a simple pendulum, plot its graph and use it to find the effective length second's pendulum. Sec – B 2. To find the force constant of a helical spring by plotting extension. a graph between load and extension 3. To study the relationship between the temperature of a hot body and time by plotting a cooling curve	All chapters

CHEMISTRY

SUBJECT CODE - 043

BOOKS RECOMMENDED

Text Book for CLASS XI CHEMISTRY PART - 1

Text Book for CLASS XI CHEMISTRY PART - 2

Laboratory Manual for Chemistry, Class - XI
(NCERT)

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
PERIODIC ASSESSMENT - I	JULY To SEPTEMBER	1. Some Basic Concepts of Chemistry 2. Structure of Atom 3. Classification of Elements & Periodicity in Properties 4. Chemical Bonding & Molecular Structure	Sec-A Practicals: 1. Basic laboratory techniques 2. Determination of melting/boiling point	Chapter - 1, 2, 3
PERIODIC ASSESSMENT - II	OCTOBER To DECEMBER	5. Thermodynamics 6. Redox Reactions 7. Organic Chemistry – Some Basic Principles and techniques	Practicals: 3. Titration (acid-base) 4. pH determination 4. Study of reaction rates	Chapter - 4, 5, 6
ANNUAL EXAMINATION	DECEMBER & FEBRUARY	8. Equilibrium 9. Hydrocarbons	-----	All Chapter

BIOLOGY

SUBJECT CODE - 044

BOOKS RECOMMENDED

Biology – Text Books for CLASS XI (NCERT)

Biology Lab Manual

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
PERIODIC ASSESSMENT – I	JULY To SEPTEMBER	Ch. 1 – The Living World Ch. 2 – Biological Classification Ch. 3 – Plant Kingdom Ch. 4 – Animal Kingdom Ch. 8 - Cell : The Unit of Life Ch. 14 – Breathing and Exchange of Gases	Experiments 1) Study and describe locally available common flowering plants, from family Solanaceae (Poaceae, Asteraceae or Brassicaceae can be substituted in case of particular geographical location) including dissection and display of floral whorls, anther and ovary to show number of chambers (floral formulae and floral diagrams), type of root (tap and adventitious); type of stem (herbaceous and woody); leaf (arrangement, shape, venation, simple and compound). 2) Preparation and study of T.S. of dicot and monocot roots and stems (primary). 3) Study of osmosis by potato osmometer. 4) Study of plasmolysis in epidermal peels (e.g. Rhoeo/lily leaves or flashy scale leaves of onion bulb). 5) Study of distribution of stomata on the upper and lower surfaces of leaves. 6) Comparative study of the rates of transpiration in the upper and lower surfaces of leaves.	CHAPTER – 1, 2, 3, 4, 8, 14

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
			Spotting 1) Parts of a compound microscope. 2) Specimens/slides/models and identification with reasons - Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonous plant, one dicotyledonous plant and one lichen.	
PERIODIC ASSESSMENT – II	OCTOBER To DECEMBER	Ch. 5 – Morphology of Flowering Plants Ch. 6 – Anatomy of Flowering Plants Ch. 11 – Photosynthesis in Higher Plants Ch. 7 – Structural Organization in Animals Ch. 10 – Cell Cycle and Cell Division Ch. 18 – Body Fluid and Circulation	Experiments 7) Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials. 8) Separation of plant pigments through paper chromatography. 9) Study of the rate of respiration in flower buds/leaf tissue and germinating seeds. Spotting 3) Virtual specimens/slides/models and identifying features of - Amoeba, Hydra, liver fluke, Ascaris, leech, earthworm, prawn, silkworm, honey bee, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit. 4) Mitosis in onion root tip cells and animals cells (grasshopper) from permanent slides.	CHAPTER – 6, 10, 18

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
ANNUAL EXAMINATION	DECEMBER & FEBRUARY	Ch. 9 – Biomolecules Ch. 12 – Respiration in Plants Ch. 13 – Plant growth and Development Ch. 16 – Excretory Products and their Elimination Ch. 27 – Locomotion and Movement Ch. 18 – Neural Control and Co - Ordination Ch. 19 – Chemical Co - Ordination and Integration	<u>Experiments</u> 10) Test for presence of urea in urine. 11) Test for presence of sugar in urine. 12) Test for presence of albumin in urine. 13) Test for presence of bile salts in urine. <u>Spotting</u> 5) Different types of inflorescence (cymose and racemose). 6) Human skeleton and different types of joints with the help of virtual images/models only.	ALL CHAPTERS PRACTICALS – INVESTIGATORY PROJECT

COMPUTER SCIENCE

SUBJECT CODE – 083

BOOKS RECOMMENDED

Computer Science with Python

(Textbook for Class – XI)

By Sumita Arora – Dhanpat Rai & Co.

EXAM / ASSESSMENT	MONTHS	UNITS / CHAPTERS	PRACTICAL / ACTIVITIES	CHAPTERS FOR EXAMINATION
PERIODIC ASSESSMENT – I	JULY To SEPTEMBER	Chapter 1: Computer System Overview Chapter 2: Data Representation Chapter 3: Boolean Logic Chapter 5: Introduction to Problem Solving Chapter 6: Getting Started with Python	• Number system conversion practice • Boolean expression truth tables • Algorithm & flowchart writing • Lab: Basic problem-solving exercises	Chapter 1: Computer System Overview Chapter 2: Data Representation Chapter 3: Boolean Logic Chapter 5: Introduction to Problem Solving Chapter 6: Getting Started with Python
PERIODIC ASSESSMENT – II	OCTOBER To DECEMBER	Chapter 7: Python Fundamentals Chapter 8: Data Handling Chapter 9: Flow of Control Chapter 10: String Manipulation Chapter 11: List Manipulation	• Python installation & IDE use • Programs on input/output, operators • Conditional & looping programs • Programs on strings • Lab: Small Python-based projects	Chapter 7: Python Fundamentals Chapter 8: Data Handling Chapter 9: Flow of Control Chapter 10: String Manipulation Chapter 11: List Manipulation
ANNUAL EXAMINATION	DECEMBER & FEBRUARY	Chapter 12: Tuples Chapter 13: Dictionary Chapter 15: Cyber Safety Full Syllabus Revision	• Programs on lists, tuples, dictionary • Cyber safety case study / presentation	All Chapters

COMPUTER SCIENCE (083)

Practical

S.No.	Unit Name	Marks (Total=30)
1.	Lab Test (12 marks)	
	Python program (60% logic + 20% documentation + 20% code quality)	12
2.	Report File + Viva (10 marks)	
	Report file: Minimum 20 Python programs	7
	Viva voce	3
3.	Project (that uses most of the concepts that have been learnt)	8

1. Textbook (Theory)

- NCERT Textbook for COMPUTER SCIENCE (Class XI)
- Support Materials on the CBSE website.
- **Computer Science / Information Technology (CBSE Prescribed Book – Class XI)**
(Use the latest CBSE recommended edition as per syllabus)

2. Reference Books

- “Computer Science with Python” – Sumita Arora
- “Informatics Practices / Computer Science” – Preeti Arora
- NCERT Computer Science / IT Textbook (if applicable)

3. Digital Resources

- **CBSE Official Website** – Sample papers, syllabus updates
- **Python Documentation (python.org)** – For coding reference
- Online coding platforms (for practice)

PAINTING

BOOKS RECOMMENDED

History Of Indian Art Class 11

EVALUATION	MONTHS	ACTIVITY
PERIODIC ASSESSMENT - I	JULY To SEPTEMBER	• <u>SKETCH</u> ○ HUMAN FIGURE ○ VILLAGE CORNER, FRUITS • <u>OBJECT STUDY</u> ○ LIGHT & SHADE PENCIL
PERIODIC ASSESSMENT - II	OCTOBER To DECEMBER	• <u>STILL LIFE</u> ○ ANY MEDIUM • <u>OBJECT STUDY</u> ○ LIGHT & SHADE PENCIL
ANNUAL EXAMINATION	DECEMBER & FEBRUARY	• <u>SKETCH</u> ○ SCHOOL CAMPUS (BLACK PEN) • SPOT PAINTING (WATER COLOUR) • PAINTING COMPOSITION • TRIBAL ART & MADHUBANI PAINTING

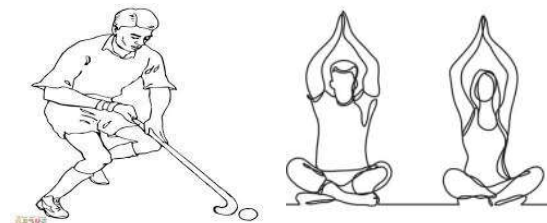
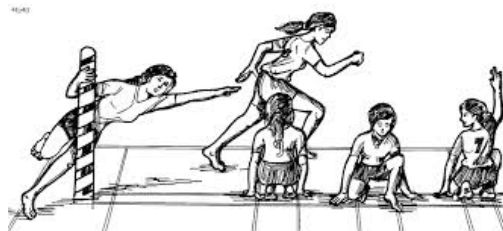
DRAWING MATERIALS

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

GAME

Physical Education

(class – XI)



EVALUATION	MONTHS	CHAPTERS NAME	SKILL
PERIODIC ASSESSMENT – I	JULY To SEPTEMBER	1. Chess 2. Volleyball 3. Yoga: Padmasana, Suryanamaskar	- Physically kept the body fit encouraged concentration. - Keep the body free from diseases
PERIODIC ASSESSMENT – II	OCTOBER To DECEMBER	1. Cricket 2. Football, Kho – Kho 3. Yoga: Dhanurasana, Chakrasana, Padmasana	- Physically kept the body fit - Cures the Thyroid Problem and Constipation problem
ANNUAL EXAMINATION	DECEMBER & FEBRUARY	1. Through Ball 2. Kabadi, Handball 3. Yoga: Halasana, Dhanurasana, Sidhasana	- Physically kept the body fit - Keep the body free from fat and avoid heat beam problems - Keep your backbone, leg, hand and waist Bones strong - Increases digestion power