



# DELHI PUBLIC SCHOOL CIVIL LINES ALIGARH

Syllabus for Annual Examination (2024-25)

CLASS XI

PCM & PCB

SUBJECT	CHAPTERS / TOPICS	SUBJECT TEACHER
<b>ENGLISH</b>	Section A - Reading - Unseen Passages (Discursive & Case Based) - Note-Making Section B - Grammar and Creative Writing Skills - Tenses - Clauses - Re-ordering/Transformation of sentences - Classified Advertisements - Poster - Speech - Debate Section C - Literature Hornbill : - The Portrait of a Lady - A Photograph (Poem) - "We're Not Afraid to Die... if We Can Be Together" - Discovering Tut: The Saga Continues - The Laburnum Top (Poem) - The Voice of the Rain (Poem) - Childhood (Poem) - The Adventure - Silk Road - Father to Son (Poem) Snapshots : - The Summer of the Beautiful White Horse - The Address - Mother's Day - Birth (Prose) - The Tale of Melon City	Mrs . Manju Lata  & Mr Amit Paul
<b>PHYSICS</b>	Ch-1 Physical World, Ch-2 Units and Measurement, Ch-3 Motion in a straight line Ch-4 Motion in a Plane Ch-5 Laws of Motion, Ch-6 Work,Energy and Power Ch-7 System of Particles and Rotational Motion Ch-8 Gravitation, Ch-9 Mechanical Properties of Solids, Ch-10 Mechanical Properties Of Fluids Ch-11 Thermal Properties Of Matter Ch-12 Thermodynamics Ch-13 Kinetic Theory Of Gases, Ch-14 Oscillations Ch-15 Waves	Mr. Manoj Kumar Arya
<b>CHEMISTRY</b>	Unit -1 Basic concepts of chemistry Unit -2 structure of atom Unit -3 Classification of elements and periodicity in properties Unit -4 chemical bonding and molecular structure Unit-5 Thermodynamics Unit-6 Equilibrium Unit-7 Redox reactions Unit -8 Organic chemistry and some basic principles and techniques Unit-9 Hydrocarbons	Ms .Neha Mishra

<p><b>MATHEMATICS</b></p>	<p>Chapter 1 - Sets  Chapter 2 - Relations and Functions  Chapter 3 - Trigonometric Functions  Chapter 5 - Complex Numbers and Quadratic Equations  Chapter 6 – Linear Inequalities  Chapter 7– Permutations and Combinations  Chapter 8—Binomial Theorem  Chapter 9. Sequences and Series  Chapter 10. Straight Lines,  Chapter 11. Conic Sections,  Chapter 12. Introduction to 3 Dimensional Geometry  Chapter 13. Limits and Derivatives,  Chapter 15. Statistics,  Chapter 16. Probability</p>	<p>Mr. Prashant Saraswat</p>
<p><b>BIOLOGY</b></p>	<p><u>Unit I-Diversity in Living World:</u> Chapter 1 The Living World,  Chapter 2 Biological classification  Chapter 3 Plant Kingdom  Chapter 4 Animal Kingdom  <u>Unit II- Structural Organisation in Plants and Animals:</u> Ch.5  Morphology of Flowering Plants,  Ch.6 Anatomy of Flowering Plants, ch.7 Morphology of Animals  <u>Unit III- Cell Structure And Functions:</u> Ch.8 Cell: The Unit of Life,  Ch.9 Biomolecules, Ch.10 Cell Cycle and Cell Division  <u>Unit IV- Plant Physiology:</u> Chapter 13 Photosynthesis in higher  plants, Chapter 14 Respiration in Plants, Chapter 15 Plant Growth  and Development  <u>Unit V- Human Physiology:</u> Chapter 17 Breathing and Exchange of  Gases, Chapter 18 Body Fluids and Circulation, Chapter 19  Excretory Products and their Elimination,  Chapter 20 Locomotion and Movement  Chapter 21 Neural Control and Coordination  Chapter 22 Chemical Control and Coordination</p>	<p>Mr. Sharad Agrawal</p>
<p><b>PHYSICAL HEALTH AND EDUCATION</b></p>	<p>Unit 1: Changing Trends and Career in Physical Education  unit 2: Olympic Value and Education  unit 3: Physical Fitness, Wellness and Lifestyle.  Unit 4: Physical Education and Sports for CWSN  Unit 5: Yoga  Unit 6: Physical Activity and Leadership Training  Unit 7: Test, Measurement and Evaluation  Unit 8: fundamental of Anatomy, Physiology and kinesiology  in Sports  Unit 9: Psychology and Sports  Unit 10: Training and Doping in Sports.</p>	<p>Mr.Gaurav Giri</p>
<p><b>COMPUTER SCIENCE</b></p>	<p>Ch1. Computer system overview , Ch 2. Data Representation,  Ch3.Boolean Logic, Ch 7. Python Fundamentals,  Ch 8. Data Handling, Ch 9 Flow of control, Ch 10 String  Manipulation , Ch 11 List Manipulation , Ch 12 Tuples,  Ch 13. Dictionary ,Ch 15 Cyber Safety</p>	<p>Mr. Santosh Singh</p>
<p><b>FINE ARTS PAINTING (049)</b></p>	<ul style="list-style-type: none"> <li>* Pre historic Rock painting of India</li> <li>* Art of Indus valley civilization</li> <li>* Buddhist, Jain and Hindu Art( Mauryan, Shunga, Kushana, Gupta, Dynasty )</li> <li>* Temple architecture and sculpture</li> <li>* Bronze sculpture</li> <li>* Artistic aspects of Indo Islamic Architecture</li> </ul>	<p>Ms. Vandana Sharma</p>

**ODISSI DANCE (059)**

Unit 1

A brief history of Indian dance.

Unit 2

Short notes on

- 1- Kalia Daman
- 2- Dashavtar
- 3- Vastraharan
- 4- The concept of nataraja
- 5- Draupadi chir haran
- 6- Makhan chor

Unit 3

Definition of the terms:

- 1- Nritya, Nrita and Natya
- 2- Matra ,laya ,Taal, avartana and vibhaga
- 3- Tandav and lasya
- 4- Natyadharmi and Loka dharmi
- 5- Devadasi and mahari

Unit 4

Brief explanation of the five segment of Odissi:

- a) Manglacharan
- b) Batu aur sthayi
- c) Pallavi
- d) Abhinaya
- e) Moksha/ or any Tandav dance

Class Representative

Vice Principal

Principal