



# DELHI PUBLIC SCHOOL CIVIL LINES ALIGARH

## Syllabus for Annual Examination (2022-23)

### CLASS XI

### PCM & PCB

SUBJECT	CHAPTERS / TOPICS	SUBJECT TEACHER
<b>ENGLISH</b>	<p>Section A Unseen Passage (factual, descriptive, literary or case based)</p> <p>Note-Making and Summarization</p> <p>Section B Grammar -Questions on Gap filling (Tenses, Clauses) -Questions on re-ordering/transformation of sentences</p> <p>Creative Writing Skills Advertisements, Poster, Speech and Debate</p> <p>Section C Hornbill: •The Portrait of a Lady (Prose) •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 (Prose) •Father to Son</p> <p>2. Snapshots: • The Summer of the Beautiful White Horse (Prose) • The Address (Prose) • Mother’s Day (Play) • Birth ( Prose) • The Tale of Melon City</p>	<p>Ms. Rajani Gupta</p> <p>Mr. Amit Paul</p>
<b>PHYSICS</b>	<p>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</p>	<p>Mr. Manoj Arya</p>
<b>CHEMISTRY</b>	<p>Unit 1 Some Basic Concepts of Chemistry Unit 2 Structure of Atom, Unit 3 Periodic Classification Unit 4 Chemical Bonding</p>	

	Uni7 Chemical Equilibrium, Unit6 Thermodynamics, Unit 12 G.O.C Unit 13 Hydrocarbon, Unit 8 Redox,	Mr. Anil Saxena
<b>MATHEMATICS</b>	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	Mr. Prashant Saraswat
<b>BIOLOGY</b>	<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 Structural Organisation in 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	Mr. Sharad Agrawal
<b>PHYSICAL HEALTH AND EDUCATION</b>	Unit 1: Changing Trends and career in physical education Unit 2: Olympism Unit 3: Yoga Unit 4: Physical Education and sports for CWSN Unit 5: Physical Fitness, Health and Wellness Unit 6: Test, Measurement and Evaluation Unit 7: Fundamentals of Anatomy, Physiology in Sports Unit 8: Fundamentals of kinesiology and Biomechanics in Sports Unit 9: Psychology and Sports Unit 10 : Training and Doping in Sports	Mr. Gaurav Giri
<b>COMPUTER SCIENCE</b>	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	Mr. Santosh Singh

<b>FINE ARTS PAINTING (049)</b>	<p>Topics</p> <ul style="list-style-type: none"> <li>* Pre historic rock paintings of India</li> <li>* Art of Indus valley civilization</li> <li>* Mauryan period ( Sarnaath lion capital, chanwar yakshi)</li> <li>* Art of Ajanta</li> <li>* Indian Temple Architecture</li> <li>* Bronze Sculpture</li> </ul> <p>practical topics.</p> <ol style="list-style-type: none"> <li>1. Still life with colour shading</li> <li>2. Landscape in any colour medium</li> <li>3. Poster on any topic</li> <li>4. Any state's folk painting.</li> </ol>	<p>Ms. Vandana Sharma</p>
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Class Representative

Vice-Principal

Principal