

CAMBRIDGE SCHOOL NOIDA
CLASS - XI-2022-23
TERM-I-SYLLABUS

S.N	SUBJECT	SYLLABUS
1	ENGLISH	<p>1. Reading Comprehension</p> <p style="padding-left: 40px;">Unseen Passage</p> <p style="padding-left: 40px;">Case based Passage</p> <p style="padding-left: 40px;">Note Making and Summary</p> <p>2. Posters</p> <p>3. Classified Ads</p> <p>4. Speech Writing</p> <p>5. Debate Writing</p> <p>6. Tenses</p> <p>7. Reordering of Sentences</p> <p>8. The Portrait of a Lady</p> <p>9. A Photograph</p> <p>10. We're not afraid to die...</p> <p>11. The Summer of the Beautiful White Horse</p> <p>12. The Address</p> <p>13. Assessment of Listening and Speaking</p>
2.	Mathematics	<p>1. Sets</p> <p>2. Trigonometry</p>

		<p>3. linear inequalities</p> <p>4. Complex number</p> <p>5. An introduction of 3D</p> <p>6. Statistics.</p>
3.	Accountancy	<p>Paper = 80 Marks</p> <p>Ch 1: Introduction to Accounting</p> <p>Ch 2: Basic Accounting Terms</p> <p>Ch 3: Theory Base of Accounting</p> <p>Ch 4: Basis of Accounting</p> <p>Ch 5: Accounting Equation</p> <p>Ch. 6: Accounting Procedures</p> <p>Ch. 7: Source Documents</p> <p>Ch. 8: Journal</p> <p>Ch. 9: Ledger & Trial Balance</p>
4.	Business Studies	<p>Paper = 80 Marks</p> <p>1. Nature and Purpose of Business</p> <p>2. Forms of Business Organisations (including Ch 7 of NCERT)</p> <p>3. Public, Private and Global Enterprises</p> <p>4. Business Services</p>
5.	Entrepreneurship	<p>1.Entrepreneurship- Concept and Functions</p> <p>2.An Entrepreneur</p> <p>3. Entrepreneurial Journey</p> <p>4. Entrepreneurship as Innovation and Problem Solving</p>
6.	Informatics Practices	<p>(Theory :70 marks)</p> <p>Chapter 1 Introduction to Computer System</p> <p>Chapter 3 Brief Overview of Python</p> <p>Chapter 7 Database Concepts</p> <p>(Practical 30 marks)</p> <p>Python Programming</p> <p>SQL Queries</p>
7.	Physics	<p>(Theory-70 marks)</p> <p>Ch-2 Units, measurements and Dimensions-10 marks</p> <p>Ch-3 Motion in a straight line- 20 marks</p>

		<p>Ch-4 Motion in a Plane-25 marks Ch-5 Laws of motion(till friction)-15 marks</p> <p>(Practical-30 marks)</p> <ol style="list-style-type: none"> 1. To measure diameter of a small spherical body and find its volume using Vernier caliper 2. To measure internal diameter, depth of a cylindrical body and find its volume using Vernier caliper 3. To measure diameter of a cube and find its volume using Vernier caliper 4. To measure diameter of a given wire using screw gauge 5. To measure thickness of a given sheet using screw gauge 6. Using a simple pendulum, plot its L-T² graph and use it to find the effective length of second's pendulum. <p>-To perform any two experiments -Practical file -Viva</p>
8.	Chemistry	<p>Chapter 1: Some Basic Concepts of Chemistry. Chapter 2: Structure of Atom. Chapter 3: Classification of Elements and Periodicity in Properties. Chapter 4: Chemical Bonding and Molecular Structure.</p> <p><u>PRACTICALS</u></p> <p>Quantitative Estimation Using a chemical balance Preparation of standard solution of Oxalic acid Determination of strength of a given solution of Sodium Hydroxide by titrating it against standard solution of Oxalic acid</p>
9	Biology	<p>(Theory)</p> <p>Chapter-1: The Living World Chapter-2: Biological Classification Chapter-5: Morphology of Flowering Plants Chapter-8: Cell-The Unit of Life Chapter-9: Biomolecules Chapter-10: Cell Cycle and Cell Division</p> <p>(Practical)</p> <ol style="list-style-type: none"> 1. Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials. 2. Flower dissection 3. Parts of a compound microscope. 4. Study of mitosis through from permanent slides.

		5. Different types of inflorescence (cymose and racemose).
10.	Psychology	<p>Theory Chapter- 01-What is Psychology? 02-Methods of Enquiry 04-Human Development 05-Sensory, Attentional & Perceptual Processes.</p> <p>Practical- Written from Chapter 2 Viva from Projects done Project File & Notebook</p>
11.	Economics	<p><i>THEORY</i> (80 Marks) <u>STATISTICS</u> Chapter 2: Introduction - Meaning and Scope Chapter 4: Organization of Data Chapter 5: Tabular Presentation Chapter 6: Diagrammatic Presentation <u>MICROECONOMICS</u> Chapter 1: Introduction Chapter 2: Consumer's Behaviour Chapter 3: Demand Chapter 4: Elasticity of Demand</p> <p><i>PRACTICAL</i> (20 Marks) CBSE project (Synopsis of the Project) Assessment on numericals Assignments</p>
12.	History	Writing and City Life An empire across three continents Nomadic Empires The Three Orders MAP WORK OF THE RELATED THEMES
13.	Political Science	Political Science : Part A: Indian Constitution at Work 1 Constitution 2 Election and Representation

		<p>3 The Legislature 4 The Executive 5 The Judiciary 6 Federalism 7 Local Governments</p>
14.	Geography	<p><u>Fundamentals of Physical Geography</u> Ch1- Geography as a discipline Ch1- Origin of the earth Ch3- Interior of the earth Ch4-Distribution of oceans and continents Map work- (Pgs-33 and 34) Ch16- Biosphere <u>India-Physical Environment</u> Ch1- India: Location Ch2- Physiography Ch3-Drainage system *Practice all relevant maps and diagrams</p>
15	Legal Studies	<p>Unit 1 Introduction to Political Institutions: Chapter 1 Concept of State Chapter 2 Forms and Organs of the Government Chapter 3 Separation of Powers Unit 2 Basic Features of the Indian Constitution Chapter 1 Salient Features of the Constitution of India Chapter 2 Administrative Law</p>
16.	Fine Arts	<p>Theory: 1. Prehistoric Rock Painting 2. Art of Indus Valley 3. Buddhist, Hindu and Jain Art Practical: 1. Still Life -20marks 2. Composition -20marks 3. Portfolio - 30marks</p>

17.	Computer Science	<p><u>Theory</u></p> <p>Unit I: Computer Systems and Organisation</p> <ul style="list-style-type: none">- Basic Computer Organisation- Types of software- Boolean logic:- Number system- Encoding schemes <p>Unit II: Computational Thinking and Programming – 1</p> <ul style="list-style-type: none">- Familiarization with the basics of Python programming- Knowledge of data types- Operators- Expressions, statement, type conversion & input/output- Errors:- Conditional statements- Iterative statements <p><u>Practical</u></p> <ul style="list-style-type: none">- Hands on exercise- Practical file- Project- Viva
-----	-------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------