

DELHI PUBLIC SCHOOL, SRINAGAR

FIRST TERM SYLLABUS CLASS XI

01	Physics
	<ol style="list-style-type: none">1. Physical world and measurement.2. Kinematics3. Laws of Motion4. Work, Energy and Power.
02	Chemistry
	<ol style="list-style-type: none">1. Some basic concepts of chemistry.2. Structure of Atom.3. Periodic classification of elements.4. Chemical Bonding.5. States of Matter.
03	Biology
	<ol style="list-style-type: none">1. The Living World.2. Biological Classification.3. Plant kingdom.4. Morphology of Angio-Sperms.5. Anatomy of Angio-Sperms.6. Bio-Molecules.7. Cell – The unit of Life.8. Cell Cycle and cell division.9. Digestion and Absorption.
04	Mathematics
	<ol style="list-style-type: none">1. Sets2. Relations and Functions3. Trigonometric Functions4. Mathematical Induction5. Complex Numbers and Quadratic Equations.

05	English
	<p>Section 'A'-- Unseen comprehension</p> <ol style="list-style-type: none"> a. Unseen comprehension b. Note – Making <p>Section 'B'--- Writing skills</p> <ol style="list-style-type: none"> a. Notes b. Invitation c. Letter to the editor d. Curriculum Vitae e. Article writing <p>Section C- grammar</p> <ol style="list-style-type: none"> a. Different grammar exercises b. Re-arranging words to make meaningful sentences c. Edit/Omit(the paragraph) d. Correcting the sentences <p>Section 'D' Literature</p> <ol style="list-style-type: none"> a. The portrait of a lady b. The ailing planet c. A photograph d. Childhood e. The voice of the rain f. The summer of the beautiful white horse g. The address h. Albert Einstein at school i. The tale of Melon City j. First three chapters of the novel(Centerville Ghost)
06	Accountancy
	<ol style="list-style-type: none"> 1. Introduction to Accounting. 2. Theory Base of Accounting.

	<ol style="list-style-type: none"> 3. Recoding of Transaction. 4. Preparation of Bank Reconciliation statement, ledger and Trial Balance. 5. Depreciation, provisions and Reserves. 6. Accounting for Bills of Exchange. 7. Rectification of Errors.
07	Business Studies
	<ol style="list-style-type: none"> 1. Nature and purpose of business. 2. Form of business organization/ formation of company 3. Business services. 4. Public, private and global organization.
08	Economics
	<ol style="list-style-type: none"> A. Indian Economic Development. <ol style="list-style-type: none"> 1. Indian economy on the eve of independence (1947-1990) 2. Indian Economy (1950-1990). B. Statistics for economics. <ol style="list-style-type: none"> 1. Introduction 2. Collection of wata. 3. Organization of wata.
09	Political Science
	<p>Indian Constitution at work</p> <ol style="list-style-type: none"> 1. Constitution why and how. 2. Rights in Indian Constitution. 3. Election and representation. 4. Executive. 5. Legislature. 6. Judiciary. 7. Federalism. 8. Local Government.
10	History
	<ol style="list-style-type: none"> 1. Writing and city life. 2. An Empire across three continents

	<ul style="list-style-type: none"> 3. The central Islamic lands 4. Nomadic empires 5. The three orders.
11	Sociology
	<ul style="list-style-type: none"> 1. Sociology and society. 2. Terms, concepts and their use in sociology. 3. Understanding social institutions. 4. Culture and socialization.
12	Psychology
	<ul style="list-style-type: none"> 1. What is Psychology? 2. Methods of Enquiry in Psychology. 3. The Bases of Human Behaviour. 4. Human Development.
13	Engineering Graphics
	<ul style="list-style-type: none"> 1. Plane Geometry: <ul style="list-style-type: none"> (a) Construction of Engineering Curves <ul style="list-style-type: none"> (i) Ellipse by concentric circles, intersecting arcs and intersecting lines. (ii) Parabola by intersecting lines and intersecting arcs method. (iii) Involute of a circle, cycloid, helix and sine curve. 2. Machine Drawing: <ul style="list-style-type: none"> (i) Orthographic projections of simple Machine blocks. (ii) Development of surfaces of following solids: <ul style="list-style-type: none"> (a) Cube, cuboid, prisms _ triangular, square, pentagonal and hexagonal. (b) Pyramids (Triangular, square, pentagonal and hexagonal) (c) Right circular cylinder and cone.

14	Mass Media Studies
	<ol style="list-style-type: none"> 1. Introduction to Mass communication 2. Evolution of Media in India
15	Multimedia and Web Technology
	<ol style="list-style-type: none"> 1. Introduction to computer Systems. 2. Web Development (Only HTML) 3. Multimedia and Authoring Tools.
16	Computer Science
	<ol style="list-style-type: none"> 1. Computer Fundamentals: Basics of computer and its operation, software concepts: system software, application, utility software, memory concepts, operating system: types and functions. 2. Introduction to C++: Datatypes, keywords, variables, constants, operators in C++: arithmetic, logical, relational, assignment operators. 3. Programming in C++: if, if-else, switch, loops: while, do-while, for.
17	Fine Arts
	<ol style="list-style-type: none"> 1. Pre Historic rock painting and art of Indus valley. 2. Buddhist, Jain Art and Hindu Art.
18	Physical Education
	<p>Unit 1: Changing trends and career in physical education.</p> <p>Unit 2: Physical fitness, wellness and life style</p> <p>Unit 3: Doping</p> <p>Unit 4: Test and measurement in sports</p> <p>Unit 5: Training in sports.</p>