

DELHI PUBLIC SCHOOL, SRINAGAR

FIRST TERM SYLLABUS FOR CLASS XI -2016

ENGLISH

1. The portrait of the lady.
2. The summer of the beautiful white horse
3. The address
4. Photograph
5. Notices
6. Invitations
7. Letter to the editor
8. Complaint letters
9. CV
10. Grammar
11. Articles
12. Reports

FINE ARTS

Indus valley civilization, period, location, its important places, its ART,

Art of sculpture (terracotta sculptures ,toys, MALE TORSO, DANCING GIRL, MOTHER GODDESS etc, Art of pottery, Art of painting , Art of writing etc.

SOCIOLOGY

1. Sociology and Society.
2. Terms, Concepts and Their Use in Sociology.
3. Understanding social Institutions.
4. Culture.

HISTORY

1. Writing and city life.
2. An empire across the three continents.
3. The central Islamic lands

POLITICAL SCIENCE

First five Chapters.

ECONOMICS

1. Introduction to statistics.
2. Collection of data.
3. Organizations /classification of data.
4. Indian economy on the eve of independence.

5. Common goals of FYP.
6. Features, problems, and policies of Indian economy from 1950 to 1990.

MASS MEDIA STUDIES

- 1) Introduction to mass communication.
- 2) Aspect of mass communication.
- 3) Barriers to communication.
- 4) Impact of mass media.
- 5) History of mass media.
- 6) Indian cinema.
- 7) Television in India.
- 8) Development of press in India.
- 9) History and development of radio in India.

COMPUTER SCIENCE

1. Computer fundamentals.
2. Programming in C++ (if-else, switch, loops)

MATHEMATICS

1. Sets
2. Relations and Functions.
3. Trigonometric functions up to exercise 3.2(including)

BIOLOGY

Chapter-1: The Living World

What is living? Biodiversity; Need for classification; three domains of life; taxonomy and systematics; concept of species and taxonomical hierarchy; binomial nomenclature; tools for study of taxonomy-museums, zoological parks, herbaria, botanical gardens.

Chapter-2: Biological Classification

Five kingdom classification; Salient features and classification of Monera, Protista and Fungi into major groups: Lichens, Viruses and Viroids.

Chapter-3: Plant Kingdom

Salient features and classification of plants into major groups - Algae, Bryophyta, Pteridophyta, Gymnospermae and Angiospermae (three to five salient and distinguishing features and at least two

examples of each category); Angiosperms - classification up to class, characteristic features and examples.

CHEMISTRY

1. Some basic concepts of chemistry
2. Structure of atom

PHYSICS

1. Mathematical tools.
2. Units and dimensions.
3. Gravitation – up to Gravitational Potential

BUSINESS STUDIES

1. Nature and purpose of business
2. Forms of Business Organization
3. Private, Public and Global Enterprise
4. Business Services....one topic only

ACCOUNTS

1. Introduction to Accounting
2. Basic Accounting Terms
3. Theory base of accounting ,accounting standards and IFRS
4. Bases of Accounting (cash and Accrual)
5. Accounting Equation
6. Accounting procedure(Rules of Debit and Credit)
7. Origin of transaction (Source documents and preparation of vouchers
8. JOURNAL AND LEDGER

MULTIMEDIA AND WEB TECHNOLOGY

1. Introduction to computers.
 - a. Hardware and Software
 - b. Block Diagram of a computer

- c. Memory (RAM /ROM/Cache Memory / Flash Drives/ Hard Disk Drives / CD's / DVD's) and its units.
 - d. Input / Output devices.
2. Web Page Development.
- a. Introduction to webpage / website / web server / web browser.
 - b. Introduction to HTML.
 - c. HTML tags (Container vs Empty)
 - d. Structure of HTML document.
 - e. <BODY> tag and its attributes.
 - f. tag and its attributes.
 - g. HTML Lists (Ordered / un-ordered / definition)
 - h. HTML Tables.
 - i. HTML Frames.
 - j. HTML Forms.
 - k. Hyperlinks. ()
3. Multimedia Authoring.
- a. Introduction to multimedia
 - b. components of multimedia.
 - c. uses of multimedia.
 - e. Image file formats. (JPEG, GIF, TIF, PNG, PSD, BMP)
 - f. Introduction to Photoshop.

ENGINEERING GRAPHICS

Unit I: Plane Geometry

1. Printing vertical and inclined alphabets (both capital and small) and numerals in standard proportions (7:4).
2. Dimensioning: Importance of dimensioning, unidirectional system of dimensioning, aligned system of dimensioning, size dimensioning, location dimensioning, dimensioning of circles, lines, inclined lines, etc.
3. Different types of lines and their conventional symbols, conventional symbols of materials.

Unit II: Development of surfaces

1. **Parallel line method:** Development of triangular prism, square prism, rectangular prism, pentagonal prism, hexagonal prism, cylinder etc.
2. **Radial line method:** Development of triangular pyramid, square pyramid, rectangular pyramid, pentagonal pyramid, hexagonal pyramid, cone etc.

Unit III: Orthographic projections of simple machine blocks.

1. Orthographic projections (plan, elevation and side elevation) of simple machine blocks.

PSYCHOLOGY

- 1) What is psychology?
- 2) Methods of psychological enquiry.
- 3) The basis of Human Behavior
- 4) Human Development

PHYSICAL EDUCATION

1. Changing trends and career in physical education.
2. Physical fitness, wellness, and lifestyle.
3. Olympic movement.
4. Yoga.
5. Doping.