



DELHI PUBLIC SCHOOL UDHAMPUR

ENTRANCE PAPER SYLLABUS 2019-20

CLASS-12th

SUBJECT: - ENGLISH

- Unseen passage
- Notice
- Poster
- Advertisement
- Letter
- Editing.

MATHAMATICS:

- Sets, Relations & functions, Trigonometric functions, Principle of Mathematical induction, Complex numbers & quadratics equation, Linear in equalities, Permutation and combination, Binomial theorem, Sequence & series, Straight lines, Conic sections, Limits & derivatives, Statistics, Introduction to 3-D geometry, Probability.

CHEMISTRY:

- Some basic principles of organic chemistry, Atomic structure, Chemicals bonding & molecular structures, Equilibrium, S-block elements, P-block elements, Hydrocarbons, Redox Reactions.

PHYSICS:

- Units and measurement, Kinematics, Laws of motion, Work, energy and power, Rotational motion, Gravitation, Properties of bulk matter, Thermodynamics, Waves and oscillations, Ray optics.

BIOLOGY:

- Diversity of living organisms, Structure organisms in plants and animals, Cell: Structure and function, Plant physiology, Human physiology.

ECONOMICS:

- Meaning of statistics in economics, Presentation of data, Collection of data, Algebraic calculation of statistical data, Concept of micro economics, Consumers behavior, Producers behavior.

POLSCIENCE

- Constitution as a living document, Local govt. , Judiciary, Development, Peace, Election & representation.

ACCOUNTS:

- Introduction to accounting, Basic accounting terms, Theory base of accounting, Bases of accounting, Accounting equation, Rules of debit and credit, Journal, BRS, Depreciation, Rectification of errors.

B.ST:

- Nature and purpose of business, Forms of business organization, Public , Private and Global Enterprises, Business Services, Emerging mode of business, Social Responsibility, Sources of Business finance, Small Business, Internal Trade, International Business

GEOGRAPHY:

- Geography as a discipline, The origin and evolution of the earth, Interior of the earth, Earthquakes and volcanoes, Distribution of continents and oceans, Minerals and rocks, Geographic process, Landforms and their evolution, Composition and structure of atmosphere, Solar radiation, Heat balance and Temperature, Pressure and winds, Water in the atmosphere, Oceans, Movements of ocean water, Submarine reliefs and life on the earth, Biodiversity and conservation, India-Location, Structure and physiographic and Drainage system of India, Climate, Natural vegetation and soils of India, Natural Hazards and Disasters.