

P.E. Society's N.C.L. Junior College

N.C.L. Campus, Pashan, Pune-411 008.

SYLLABUS FOR STD XII[2017-18]

Unit Test-I

Physics:

Oscillations, Current Electricity, Elasticity & Interference & diffraction, Circular motion, Stationary waves.

Mathematics:

M (I) –Matrices, Logic, linear programming

M (II) -Continuity, Differentiation

Biology:

B-(I) Microbes in human welfare, Genetic basis of inheritance, photosynthesis

B (II): Circulation, Excretion and osmoregulation, chromosomal basis of inheritance.

IT:

Web-Publication, Cyber law and ethics.

Chemistry:

C-I) solids states, solutions and colligative properties

C-II) Halogen derivatives, alcohols, phenols and ethers.

Geography:

L-1 Population, L-2 Migration, L-3 Agriculture.

English:

i) Unit One-Self, ii) Unit Two-Family iii) Unit Three-City or town iv) Rapid Reading-The Daisy

Terminal Examination

Physics:

Current Electricity, Wave theory of light, Interference and diffraction, Electrons and photos, Oscillations, Stationary waves, Elasticity, Gravitation, Rotational motion, Electrostatic.

Mathematics:

M (I) - Matrices, Pair of straight lines, linear programming, Logic, Vectors.

M (II) –Continuity, Differentiation, Integration, Definite Integral and application of derivative.

Biology:

B-(I) Microbes in human welfare, Organism and Environment (I), Genetic basis of inheritance, photosynthesis, Respiration, Enhancement in food production, Reproduction in plants.

B (II): Origin and Evolution of life, Human health and diseases, Excretion and osmo-regulation, Organism and Environment (II), Circulation, Genetic Engineering and genomics.

IT:

Cyber law and Ethics, Web-Publication, Javascript, Ecommerce.

Chemistry:

C-I) solids states, solutions and colligative properties, chemical thermodynamics, p-block elements

C-II) Halogen derivatives, Aldehydes, ketones and carboxylic acids, alcohols, phenols and ethers, Chemistry in everyday life.

Geography:

L-1 Population, L-2 Migration, L-3 Agriculture, L-4 Minerals and energy resources, L-5 Industries.

English:

Unit One-Self, ii) Unit Two- Family iii) Unit Three-City or town iv) Unit Four-Society v) Unit Five- State Rapid Reading- The Daisy, The girl with an apple, Skeleton in the cupboard.

Physics:

Entire syllabus as per the textbook prescribed by H.S.C Board

Mathematics:

Entire syllabus as per the textbook prescribed by H.S.C Board

Biology:

Entire syllabus as per the textbook prescribed by H.S.C Board

IT:

Entire syllabus as per the textbook prescribed by H.S.C Board

Chemistry:

Entire syllabus as per the textbook prescribed by H.S.C Board

Geography:

Entire syllabus as per the textbook prescribed by H.S.C Board

English:

Entire syllabus as per the textbook prescribed by H.S.C Board