



Date : 02-09-2018 | NTSE Pattern Test (NCT - 4) TEST SYLLABUS

Class - X

Physics

- WEP (from Kinetic energy till complete), Sound and Wave Motion, Electricity, Magnetism , Light (till Image formation by spherical lenses)

Chemistry

- Class IX: Matter 1 & 2, Atoms and molecules , Structure of atom, Class X: Chemical reaction and equation, Acid base and salts, Metals and nonmetals, Carbon and its compounds, Periodic classification of elements

Mathematics

- Class X: Real Number, Polynomial, Linear equation in two variable, Quadratic equation, Similar triangle, Circle, Mensuration, trigonometry, height and distance, Statistics
Class IX: Number system, polynomial, Introduction to coordinate geometry, Linear equation in two variables, Introduction to euclid geometry, Lines and angles, Congruent triangle, Quadrilaterals, Circles, Mensuration, Heron's formula, area of parallelogram and triangle, Statistics

Biology

- Nutrition, Respiration, Transportation, Excretion, Control & coordination, How do organisms Reproduce, Heredity and evolution, Our Environment

SST

- Power sharing, Resources and development, The age of Industrialisation, Development, Federalism, Sectors of Indian Economy, The Making of a Global World, Forest & Wild Life Resources, Work life and Leisure, Water, Democracy and diversity, Print Culture and the modern world, Agriculture, The Rise of Nationalism in Europe, Money & Credit, Popular Struggles and Movements, Globalisation and the Indian Economy, Nationalism in India

MAT

- Alphabet test, coding-decoding, Number series, alphabet series, Letter repeating series, Missing term in figure, Mathematical operations, Direction sense test, Sitting arrangement, Ranking & ordering, Blood relation, puzzle test, Venn diagram, Syllogism, Analogy, Classification, Pyramid test, calendar test, Dice test, Cube test, clock test, Figure partition & counting, Mirror image & Water image, Paper cutting & folding, Completion & formation of figure, Figure embedded, Nonverbal series , Nonverbal analogy, Nonverbal classification

Test Timming :

Paper - 1 : (9 : 00 A.M. to 1 : 00 P.M.)