Syllabus of RPI 2 2013-14

Class	Name of exam	Syllabus	Date of Exam
6	RPI 2	**PHY** – Measurement and motion **CHE** – sorting materials into groups **MATHS** – Number system, factors and multiples, whole numbers, integers, simplification, time and work from QM, profit, loss and discount from QM **BIO** – Food where does it come from, food and its components **MAT – S**eries completion, analogy	10th November, 2013
7	RPI 2	**PHY** –Heat and temperature **CHE** – acids, bases and salts **MATHS** – Integers, fractions and decimals, data handling, simple equations, number system from QM **BIO** – respiration MAT – series completion, coding and decoding, logical venn diagram, mathematical operation	10th November, 2013
8	RPI 2	**PHY** – Force and pressure, friction **CHE** – metals and non-metals **MATHS** – rational numbers, squares and square Roots, cubes and cube roots, solutions of linear equations in one variable, number system and indices from QM **BIO**–conservation of plants and animals, cells(discovery, size, shape, types of cell, microscopy, cell wall, cell membrane, nucleus) **MAT** – series completion, coding and decoding, analogy, logical venn diagram, classification	10th November, 2013
9	RPI 2	**PHY** – Motion **CHE**- Matter in our surroundings **BIO** – fundamental unit of life and tissues **MATHS**–real numbers,polynomials,Euclid geometry,lines and angles	21st November, 2013
10	RPI 2	**PHY** – Electricity,magnetic effects of electricity,sources of energy,light **CHE** – Chemical reactions and equations, Acids,bases and salts,metals and non metals,carbon compounds **BIO** – Reproduction **MATHS** – Real numbers, polynomials,L.E.T.V,similar triangles,Trigonometry,statistics-2,heights and distances,quadratic equations,arithmetic progressions,tangents to circles, constructions-2	21st November, 2013
11	RPI 2	**PHY** – laws of motion **CHE** – Stoichiometry **MATHS**–Basic calculus,trignonometric ratios and identities	21st November, 2013
12	RPI 2	**PHY** – fluid mechanics and gravitation **CHE** – alcohols,ether and phenols **MATHS** – total differential calculus (including application of derivatives), limits, continuity and differentiation.	21st November, 2013