



# **TEST SYLLABUS**

## **ADVANCED PATTERN PART TEST-2**

### **(APT-2)**

---

**DATE : 03-02-2019**

**COURSE : VIJAY (01JR),(05JR)**

---

### **PHYSICS**

Electrostatics, Gravitation, Current electricity, capacitance, Circular motion, Centre of Mass, Rigid Body Dynamics, Simple harmonic motion, string waves, sound waves, wave optics, EMF, EMI, Alternating current, Modern Physics, Nuclear physics.

### **MATHEMATICS**

Function & ITF, Limits, Continuity & Derivability, Application of Derivative, Matrices & Determinant, Straight line, Circle, Conic section, Vector-3D, Indefinite Integration, Definite Integration & its application, Differential equation, Binomial theorem

### **CHEMISTRY**

P/I : Metallurgy, Ionic Equilibrium (elementary), Equivalent Concept, d-Block Element, Coordination compounds, Electrochemistry, Chemical Kinetics, Solution & Colligative Properties, Solid State, Thermodynamics & Thermochemistry, P-block (13 to 16 groups)  
(All ChemInfos and Handouts Till date)

Org.: ORM-III & IV, Aromatic, Biomolecule complete