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# TEST SYLLABUS



**Academic Session 2023-24**

## **Main Pattern Part Test (MCT-2)**

**Test Date : 10 September 2023**

**Course Code : VIJETA 05JP**

### **PHYSICS:**

**XII : Geometrical Optics, Electrostatics, Gravitation, Current Electricity, Heat Transfer**

**XI : Kinematics, NLM, Friction, WPE, Circular motion, Centre of mass, RBD, Fluid mechanics, Elasticity and Viscosity, Surface tension.**

### **MATHEMATICS:**

**XI - Straight Line, Circle, Conic Section , Mathematical Reasoning, Statistics**

**XII - Relation Function ITF, Probability, LCD, MOD, AOD**

### **PHYSICAL / INORGANIC CHEMISTRY:**

**XI : Chemical bonding**

**XII : Solution & Colligative Properties, Coordination Compounds, Solid State, Electrochemistry (upto electrolysis)**

### **ORGANIC CHEMISTRY:**

**XI : GOC-II, Periodic Table**

**XII : Stereoisomerism, Haloalkanes and Haloarenes, Alcohol & Ether, Hydrocarbon**