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# TEST SYLLABUS



**Academic Session 2023-24**

## **MAIN PATTERN PART TEST (MPT-3)**

**Test Date : 4 February 2024**

**Course Code : VIKAAS (JA02)**

### **PHYSICS:**

**Work power energy. Circular motion, Center of mass, Rigid body Dynamics, SHM**

### **MATHEMATICS:**

**FOM-2, Statistics, Binomial theorem**

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

**Real gas, Chemical Equilibrium, Thermodynamics & Thermochemistry (upto Calculation of work done)**

### **ORGANIC CHEMISTRY:**

**Periodic Table & BIN, Chemical bonding**