

St. Xavier's College (Autonomous), Kolkata

**M.Sc. Physics
Admission Test 2024**

Paper Format:

**Full marks 100
Time: 2.5 hours.**

(1) MCQ (One option correct) 30x3=90 marks

(2) Analytical Long Question 10x1=10 marks

SYLLABUS:

Model Syllabus of UGC or any other standard syllabus of Indian University for Physics Honours Course.

Topics : Mathematical Methods, Classical Mechanics, Special Theory of Relativity, Kinetic theory,

Thermodynamics, Statistical Mechanics, Electromagnetism, Current electricity, Quantum Mechanics,

Atomic and Molecular Physics, Solid State Physics, Electronics (digital and analog), Optics.