

HCU (M.Sc.) PHYSICS

Question Pattern

Marks: 100

Time: 2:00 Hours

1. This Question Paper has two sections: **SECTION A** and **SECTION B**
2. **SECTION A** consists of 25 objective type questions of two marks each. There is negative marking of 0.66 mark for every wrong answer. The marks obtained by the candidate in this section will be used for resolving the tie cases.
3. **SECTION B** consists of 50 objective type questions of one mark each. There is no negative marking in this section.
4. All questions carry 2 marks each.
There is no negative marking
5. Only Scientific Calculators are permitted. Mobile phone based calculators are not permitted. Logarithmic tables are not allowed.

SYLLABUS

PHYSICS

Mechanics, General Properties of Matter, Kinematics, Heat and Thermodynamics, Wave Motion, Electricity and Magnetism, Light, Modern Physics, Electronics and Measurements.

MATHEMATICS

Algebraic Equations, Differential and Integral Calculus including limits, Vectors, Matrices and Determinants, Elementary Differential Equations and Elementary Functions and their Graphs.