

THE HALLMARK SCHOOL & COLLEGE

ENTRY TEST SYLLABUS – 1st YEAR

PHYSICS

1. Simple Harmonic Motion
2. Sound
3. Geometrical Optics
4. Electrostatics
5. Current Electricity
6. Electromagnetism

CHEMISTRY

1. Chemical Equilibrium
2. Acid, Base and Salt
3. Organic Chemistry
4. Hydrocarbon

BIOLOGY

1. Gaseous Exchange
2. Homeostasis
3. Coordination and Control
4. Support and Movement
5. Reproduction

MATHEMATICS

1. Quadratic Equation
2. Theory of Quadratic Equation
3. Variations
4. Partial Fractions
5. Introduction to Trigonometry

COMPUTER

1. Process of Programming
2. C Programming
3. Input and Output
4. Control Structure
5. Loop Structure

ENGLISH

1. Simplicity & Humility (Poem)
2. The Champion
3. Dreams (Poem)
4. Population Growth & its impact on environment
5. Masjid of Cardoba & Iqbal.
6. Grammar: Phrase, Clause, pronoun, Preposition, Verb