Assessment Guidelines for Admission to Grade X

1. ENGLISH & URDU

The child should be able to:

Read unabridged novels, short stories and plays.

Understand and speak English / Urdu confidently.

Write a composition of 450 words, approximately.

Write sentences of various lengths and types, using a variety of sentence structures as an aid to writing. Use a wide range of vocabulary and suitable figures of speech, with precision.

Punctuate accurately and helpfully.

Write in paragraphs which demonstrate internal unity and are appropriately linked. Spell accurately over the full range of vocabulary used.

Respond with relevance and precision to the chosen topic.

Engage and sustain the interest of the reader.

2. MATHEMATICS

New Syllabus Mathematics Book-1, 2, 3 (6th Edition) with Addendum by Professor Lee Peng Yee (Oxford University Press) Work Book 1, 2, 3 (6th Edition)

From CAIE Syllabus

Topic 1: Arithmetic

Topic 2: Algebra (Fundamental Algebra Expansion, Indices and Factorization of Algebraic Expressions)

Topic 3: Pythagoras Theorem

Topic 4: Linear Graphs and Graphs of Quadratic Equations

Topic 5: Angle Properties of polygons

Topic 6: Linear Inequalities

Topic 7: Trigonometry (basics)

Topic 8: Limits of Accuracy

Topic 9: Mensuration (Volume and Area of Prisms)

Topic 10: Statistics (Pie chart, Pictograms, Bar graph, Histogram, Measures of central tendency: Mean, Median, Mode)

Sample papers available on the school website

Topic 11: Number sequence and Problem solving.

3. CHEMISTRY
From CAIE Syllabus

States of Matter
Formula Writing & Balancing of Equations
Element, Compounds and Mixtures
Separation techniques
Atomic Structure
Periodic Table
Bonding
Acid, Bases and Salts
Types of Reactions

4. BIOLOGY
From CAIE Syllabus

Enzymes
Cell Structure
Movement of substances (in and out)
Plant Nutrition
Animal Nutrition
Animal / Plant Transport
Biotechnology
Micro Organism
Ecology

5. PHYSICS
From CAIE Syllabus

Topics: Measurement Techniques

Kinematics
Dynamics
Pressure
Turning Effect of Force
Energy Changes and Transfer of Energy

Sample papers available on the school website