NEFERTARI INTERNATIONAL SCHOOLS IN CAIRO
BRITISH DIVISION
ADMISSION ASSESSMENT OUTLINE

YEAR TEN

ENGLISH (LITERACY)

Reading Assessment

-The aim is to assess your comprehension to a text of 500--1000 words.

Multiple questions of: -

- match
- information check.

Writing

The student will be assessed in their knowledge of the formal and informal registers with the relevantly accurate tools.

- Friendly email / letter
- formal email /letter
- Article

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MATHEMATICS

This exam outline is designated for applicants applying between April and August.

Exam will include 2 papers

(1st Without Calculator & 2nd With Calculator) Course outline for admission exam

Numbers

- Add, subtract, multiply and divide (Numbers, proper & improper fractions, decimals).
- Multiples, factors, HCF & LCM.
- Rounding & Standard form.
- Use the laws of arithmetic (BODMAS Rule)
- Conversions (Lengths, Areas, Volume, Weight, Money, Time, Speed….)
- Ratio, Proportion & Drawing Scale.
- Percentages (increase and decrease)
- Venn Diagrams & Set Notation.

Algebra

- Index & Powers Rules.
- Substitution & Changing Subject of Formula
- Expand, Simplify and Factorizing expressions
- Algebraic Fractions
- Solving linear equations & Inequalities
- Solving simultaneous equations

Graphs

- Represent straight line graphs by equation in the form of $y = mx + c$
- Graphing linear equations
- Practical Graphs

Geometry

- Angles, Parallelism, Quadrilaterals, Polygons
- Calculate area 2D shapes
- Lines of Symmetry
- Similarity & Congruence
- Pythagoras theorem
- Trigonometry for Right Angled Triangles
- Circle Theorems
- Mensuration & Solid Geometry for (Cube, Cuboid, Cylinder)
- Draw & describe transformations (Rotation, Translation, Reflection, enlargement)

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Statistics

- Probability
- Pie chart
- Mean, Mode, Median & Range for Set of values