قسم المواد العربيّة

الكفايات المطلوبة لاجتياز امتحانات القبول في مادة اللغة العربية

الصّفوف:العاشر والحادي عشر والثاني عشر.

- في الأدب :

. أن تميّز الطّالبة بين أنواع النّصوص وفنونها (السّرد / الوصف/الحوار/المقالة/السّيرة/الرسالة....)

. أن تتعرّف الطّالبة على العصور الأدبيّة ومميّزاتهاوأدبائها...

. أن توظّف الطّالبة خبراتها في بناء معاني النّصّ بالإجابة عمّا يُطلب منها.

. أن تستخرج الطّالبة الأساليب وتحلّل الصّور وتتبيّن العلاقات النّاسجة لخطاب النّصوص المقروءة وتكشف دورها في بناء المعنى.

- في القواعد :

. أن تميّز الطّالبة أنواع الكلام، وتعرب الكلمة في سياقها من الجمل.

. أن تفرّق الطّالبة بين الجملة الفعليّة والجملة الاسميّة.

. أن تحدّد الطالبة متمّمات الجملة و أنواعها.

. أن تعرب الطّالبة عناصر الجمل الفعليّة والجمل الاسميّة.

. أن تميّز الطّالبة الأساليب اللّغوية والبلاغيّة وتحسن استعمالها.

. أن تحلّل الطالبة ظواهر بلاغيّة من علم البيان والبديع.

- الإنتاج الكتابي:

. أن تنتج نصّا استنادا إلى موضوع مطروح.

. أن تلتزم بمضمون الموضوع المطروح .

. أن تراعي في إنتاجها عناصر نمط الكتابة المطلوب وخصائصه.

. أن تتوسّع في تحليل الأفكار، وتبدي رأيها.

. أن تكتب نصّها بلغة عربيّة فصيحة.

. أن تراعي في إنتاجها سلامة قواعد اللّغة نحوا وصرفا ورسما إملائيّا.

. أن تستعمل علامات الوقف المناسبة.

. أن تلتزم بوضوح الخطّ ونظافة ورقة الاختبار.

تمنياتنا لك بالتوفيق

ENGLISH REQUIREMENTS FOR GRADE 11 ENTRY

Shaikha Hessa Girls' School is an IGCSE (Grades 9 and 10) and IB school hence the Grade 11 English Entrance Exam will consist of IGCSE-leveled assessments:

Reading

A passage will be given to students to read and they will need to answer related questions.

Students must be able answer questions that could relate to the following:

- Punctuation
- Parts of speech (nouns, verbs, adjectives, adverbs, articles, prepositions and conjunctions)
- Tenses
- Sentence Structure
- Direct and reported speech
- Synonyms and antonyms
- Homophones and homonyms
- Inference, denotation and connotation of words.

Writing

Students are set a writing task and they will need to answer using one of the following styles:

- Writing to inform
- Writing to describe
- Writing to explain
- Writing to narrate
- Writing to persuade
- Writing to advise

An essay should have an effective thesis statement introduction, appropriate transitional devices, three well-planned supporting paragraphs with varied sentence length and structure, as well as an insightful
conclusion.

Literature

Students will be given a poem to analysis. This will be a short poem and the questions are designed to test a student's knowledge of poetry and literary conventions at the level that they are expected to be at.

MATHEMATICS REQUIREMENTS
for GRADE 11 Entry

REVIEW

- understand place value
- add, subtract, multiply and divide
- round integers to a given power of 10
- understand and use integers (positive, negative and zero) both as positions and translations on a number line
- use directed numbers in practical situations
- order integers
- use the four rules of addition, subtraction, multiplication and division
- use the terms odd, even and prime numbers, factors and multiples
- identify prime factors, common factors and common multiples
- evaluate Highest Common Factors (HCF) and Lowest Common Multiples (LCM)
- identify square numbers and cube

ALGEBRA 1

- understand that symbols may be used to represent numbers in equations or variables in expressions and formulae
- understand that a letter may represent an unknown number or a variable
- use correct notational conventions for algebraic expressions and formulae
- collect like terms
- multiply a single term over a brackets
- take out single common factors
- evaluate expressions by substituting numerical values for letters
- solve linear equations, with integer or fractional coefficients, in one unknown in which the unknown appears on either side or both sides of the equation
- understand and use the symbols >, <, ≥ & ≤
- understand and use the convention for open and closed intervals on a number line
- solve simple linear inequalities in one variable and represent the solution set on a number line
- solve simple linear inequalities in one variable and represent the solution set on a number line
- set up simple linear equations from given data
- generate terms of a sequence using term-to-term definitions of the sequence
- find subsequent terms of an integer sequence and the role for generating it
- generate terms of a sequence using position-to-term definitions of the sequence
- find subsequent terms of an integer sequence and the role for generating it
- use linear expressions to describe the *nth* term of an arithmetic sequence
- generate terms of a sequence using term-to-term and position-to-term definitions of the sequence

NUMBER AND MEASURE

- round to a given number of significant figures or decimal places
- use estimation to evaluate approximations to numerical calculations
- understand and use mixed numbers and vulgar fractions
- identify common denominators apply common denominators to order fractions

- use common denominators to add and subtract fractions
- multiply and divide a given fraction by an integer, by a unit fraction and by a general fraction
- recognise that a terminating decimal is a fraction
- convert fractions into recurring decimals
- use a scientific electronic calculator to determine numerical results.
- identify square numbers and cube numbers
- calculate squares, square roots, cubes and cube roots
- interpret scales on a range of measuring instruments
- calculate time intervals in terms of the 24-hour and 12-hour clock
- understand and carry out calculations using time
- measure and draw lines to the nearest millimeter
- carry out calculations using standard units of mass, length, area, volume and capacity
- convert between units of volume within the metric system
- understand and use the relationship between average speed, distance and time
- identify upper and lower bounds where values are given to a degree of accuracy
- express a percentage as a fraction and as a decimal
- solve simple percentage problems, including percentage increase and decrease
- express a given number as a percentage of another number
- use ratio notation, including reduction to its simplest form and its various links to fraction notation
- solve word problems about ratio
- divide a quantity in a given ratio or ratios-

GEOMETRY

- recognise and give the names of solids
- understand the terms face, edge and vertex in the context of 3-D solids
- find the volume of right prisms, including cuboids and cylinders, using an appropriate formula
- find the surface area of simple shapes using the area formulae for triangles and rectangles
- find the surface area of a cylinder
- convert between units of volume within the metric system
- convert measurements within the metric system to include linear and area units
- understand angle measure including three figure bearings
- use and interpret maps and scale drawings

ALGEBRA 2

- plot points (x, y) in any of the four quadrants
- locate points with given coordinates
- determine the coordinates of the midpoint of a line segment, given the coordinates of the two end points
- generate points and plot graphs of linear functions
- recognise that equations of the form $y = mx + c$ are straight line graphs
- generate points and plot graphs of linear functions
- interpret information presented in a range of linear and non-linear graphs
- understand and use conventions for rectangular cartesian coordinates
- draw and interpret straight line conversion graphs
- generate points and plot graphs of linear and quadratic functions
- understand that a letter may represent an unknown number or a variable
- use formulae from mathematics and other real-life contexts expressed initially in words or diagrammatic form and convert to letters and symbols
- substitute positive and negative integers, decimals and fractions for words and letters in expressions and formulae

STATISTICS

- use different methods of presenting data: pie charts, pictograms, bar charts, line diagrams, histograms, frequency polygons, scatter graphs
- interpret statistical diagrams
- construct and interpret histograms
- recognize correlation
- use line of best fit