



Entrance Exam Requirements “Going to Grade 10/ IG”

Math

Number:

1. Arithmetic
2. Number facts and sequences
3. Approximations and estimation
4. Standard form
5. Ratio and proportion
6. Percentages
7. Speed, distance and time
8. Calculator
9. Using a spreadsheet on a computer

Algebra 1

1. Directed numbers
2. Formulae
3. Brackets and simplifying
4. Linear equations
5. Problems solved by linear equations
6. Simultaneous equations
7. Problems solved by simultaneous equations
8. Factorizing
9. Quadratic equations
10. Problems solved by quadratic equations

Geometry

1. Fundamental results
2. Pythagoras' theorem
3. Symmetry
4. Similarity
5. Circle theorems
6. Constructions and loci
7. Nets

Menstruation

1. Area
2. The circle
3. Arc length and sector area
4. Chord of a circle
5. Volume
6. Surface area

Algebra 2

1. Algebraic fractions
2. Changing the subject of a formula
3. Variation
4. Indices
5. Inequalities
6. Linear programming

Trigonometry

1. Right-angled triangles
2. Scale drawing
3. Three-dimensional problems
4. Sine, cosine, tangent for any angle
5. The sine rule
6. The cosine rule

Reading Comprehension:

Candidates will be assessed on their ability to comprehend and respond to information in a given text. They will be expected to use some or all of the following language conventions:

- focus on main idea
- observe the flow of ideas
- draw logical inferences
- make accurate predications
- recognize related information
- identify referents
- use effective strategies for vocabulary questions (use context clues)
- be able to: paraphrase, summarize, take notes, and list points

Structure and Written Expression:

- subject and verb
- verb agreement, tense, and form
- subordination
- verbal expressions
- pronoun form, agreement, and reference
- word order
- parallel & structure
- repetition
- correct usage

Writing:

Candidates should be able to write an appropriate 250-300 words essay (descriptive, personal narrative, persuasive, argumentative, or magazine article).

They will be assessed on their ability to:

- communicate accurately, clearly and appropriately
- convey information and express opinion effectively
- employ a variety of grammatical structures
- demonstrate knowledge of appropriate vocabulary
- observe conventions of paragraphing, punctuation and spelling
- employ appropriate style

اللغة العربية

امتحان القبول في مادة اللغة العربية للطلاب المرشحين للقبول بالصف العاشر (الأول ثانوي)

* الموضوعات المطلوبة في مادة النحو والصرف (القواعد) من كتاب الصف الثالث المتوسط (لغتي الخالدة) الفصل الدراسي الثاني، من الكتاب المقرر في مدارس المملكة العربية السعودية:

١ . درس (اسم الآلة) ص (١٥٧ - ١٥٨) + تدريبات هذا الدرس

٢ . درس (النعته) ص (٦٧ - ٦٨ - ٦٩ - ٧٠) + تدريبات هذا الدرس

٣ . درس (العطف) ص (١٦٦ - ١٦٧)

٤ . درس (البدل) ص (٢٥٧ - ٢٥٨ - ٢٥٩ - ٢٦٠ - ٢٦١)

Senior School

Administration