# Required Materials for the Entrance Test

## *English Department*

## Grade 9 & 10

### General Guidelines and Helpful Hints

In general, this exam measures the English proficiency of all applicants through assessing the skills which they have acquired in their previous years and which are essential to Good English at these levels.

All areas of the language are tested: **Reading** with the focus on words in context and important literary skills, **Structure and Written Expression, Spelling** and **Writing.** There are, of course, several types of questions, and the level of difficulty varies from one question to another.

It is necessary, therefore, that all students planning to take the Entrance Exam observe the following tips so they meet the requirements.

**(To the Student)**

**Reading, Literature, and Vocabulary**

In the section you are required to respond to comprehension questions after each passage. Generally, this part will measure/ evaluate your ability to understand, and follow ideas in English as well as ability to use the essential reading comprehension, literature, vocabulary, and thinking skills. Following are some of these skills:

**Topics & Topics of Paragraph, Analyzing Details, Making Inferences, Recognizing similarity in Meaning, Identifying Literary Elements & Techniques (Character, Theme, setting, Figurative Language- Similes & Metaphors, etc. ) Vocabulary Knowledge (Context Clues, Sentence Completion, Synonyms, Homonyms, Confusing/ Problem Words, Referents, etc. )**

Practice reading a variety of topics and material including newspaper, magazines, and short excerpts from textbooks. Check your comprehension and try to develop your vocabularies, reading skills and strategies you can apply during the examination.

**Grammar, Usage, and Mechanics**

This section will measure your ability to recognize language that is appropriate for standard written English. You will be required to correct errors in punctuation and capitalization, to work with sentences and words, to fill in blanks with the appropriate part of speech or verb form, etc. emphasis is on:

**Parts of Speech, Sentences & Sentence, Subject-Verb Agreement, Confusing/ Problem Words, Punctuation, Error-Correction, and Spelling Rules- commonly misspelled words**

Use a Grammar/ Composition book to study and practice the different structures, grammatical functions, and mechanics mentioned above. Review the parts of a Sentence, Agreement Problems, and spelling Rules as well as Punctuation so that you can use all marks correctly and according to the purpose of each sentence.

**Writing**

In this section, you will write an essay of about 250 to 300 words as the last part of your Entrance Examination. You will be given a choice of topics to choose one from and write about it. You need not worry about the subject, for they are very general. The following types of composition are emphasized: **Stating an Opinion** about a subject that you agree or disagree with; a **Description,** a **Narration**, and a **Comparison/ Contrast**.

Remember that written sentences must be more carefully composed than spoken ones. Also, remember that your essay should have a good Introductory paragraph, a good body, and a good concluding paragraph. Be sure to apply the guidelines and criteria for each of the above forms. For your opinion essay, for example, you must at the very start catch your examiners interest and clearly state your topic and opinion. Then develop a strong argument and support it with reasons and evidence by using facts and examples.

**P.S.**

**The total time of the exam is two hours including the writing which should not take you more than 30 minutes.**

## الدروس المقررة

## امتحـــان الدخـــول في اللغة العربية

**الصف التاسع Gr. 9**

- تحليل نص شعري من شعر التفعيلة
- تحليل نص قصصي
- الفعل المجرد والمزيد
- المصادر
- الأفعال الخمسة
- الأسماء الخمسة
- الحال
- النعت
- نواصب المضارع
- جوازم المضارع
- التشبيه المفصّل
- التشبيه المجمل
- الاقتباس والتضمين
- كتابة تعبير عن موضوع معين
- تلخيص نص

# GRADE 9 – MATHEMATICS ENTRANCE EXAM

| DOMAIN | SKILLS ASSESSED |
|---|---|
| **Systems of Equations** | Solving systems of linear equations using elimination and substitution. |
| **Scientific Notation** | Writing numbers in scientific notation and standard form. |
| **Geometry & Measurement** | Calculating volumes of cylinders and cones. |
| **Exponents & Radicals** | Applying exponent laws; simplifying square roots, cube roots and negative exponents. |
| **Transformations** | Performing translations, reflections, rotations and dilations on the coordinate plane. |
| **Linear Equations** | Solving linear equations, including equations with fractions; identifying no-solution and infinitely-many-solutions cases. |
| **Linear Functions** | Finding slope and y-intercept; writing linear equations from points; modeling real-world situations. |