## Required Materials for the Entrance Test

***English Department*** **Grade 11 & 12**

**I- Reading Focus:**

1. TOEFL reading skills; making inferences, meaning through context, etc…

**II. Literary Focus:**

1. Cause/effect
2. Inferences
3. conclusion
4. Problem solving
5. Figurative Language

**III. Grammar:**

1. clauses
3. Reported speech
4. Active and Passive

**IV: Writing:**

1. Features of argumentative essays
2. Features of Descriptive Essays
3. Elements of writing a story

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Good Luck

**الصف الثاني عشر Gr. 12**

## الدروس المقررة

## امتحـــان الدخـــول في اللغة العربية

- كتابة تعبير عن موضوع معين
- تلخيص نص
- تحليل نص قصصي
- الاستعارة
- الكناية
- التشبيه الضمني
- الجناس
- اسم الفاعل
- اسم المفعول
- الصفة المشبهة
- صيغ المبالغة
- اسم التفضيل
- ظرف الزمان والمكان
- اسما الزمان والمكان
- اسم الآلة
- أفعال المقاربة والرجاء والشروع
- النعت
- الحال
- المنادى
- البدل

# GRADE 12 – MATHEMATICS ENTRANCE EXAM

| DOMAIN | SKILLS ASSESSED |
|---|---|
| **Polynomial Factoring** | Factoring quadratic and higher-degree polynomials; sum and difference of cubes; difference of squares. |
| **Polynomial Equations** | Solving polynomial equations. |
| **Rational Expressions** | Simplifying and rationalizing expressions; determining domain restrictions. |
| **Radical Equations** | Solving radical equations. |
| **Systems of Equations** | Solving systems of linear equations. |
| **Polynomial Operations** | Multiplying polynomial expressions. |
| **Trigonometry** | Finding exact trigonometric values; solving trigonometric equations. |
| **Coordinate Geometry** | Writing equations of perpendicular lines; calculating distances between points. |
| **Logarithmic Functions** | Determining domain and range; applying logarithmic properties; expanding and condensing logarithms; solving logarithmic equations. |
| **Exponential Equations** | Solving exponential equations. |