

**Final Exam Portion(Second Term)
Grade 9
2017 – 2018**

Subjects	Chapter	Pages/notes
Math	Chapter No. Chapter 9 Chapter 10 Chapter 11	<p align="center">Lesson</p> 9.4 Solving quadratic equations by completing the square 10.2 Simplify radical expressions 10.3 Operations with radical expressions 10.4 Radical Equations 10.5 The Pythagorean theorem 10.6 Trigonometric ratios 11.1 Inverse variation 11.2 Rational functions 11.3 Simplifying Rational Expressions 11.4 Multiplying and Dividing Rational expressions 11.5 Dividing polynomials 11.6 Adding & Subtracting 11.7 Mixed Expressions and complex fractions 11.8 Rational Equations
	Grade 9 - Geometry Chapter No. Chapter 10 Chapter 7	<p align="center">Lesson</p> 10.2 Measuring angles and arcs 10.3 Arc and Chords 10.4 Inscribed angles 10.5 Tangents 7.2 Similar polygons 7.3 Similar triangles 7.4 Parallel lines and proportional parts
Literature	English 1 (Literature): a) Written Part Unit 3: The cask of amontillado Unit 7: The language of poetry Unit 8: The sneeze and one unseen reading comprehension b) Oral Part Literature Reading Test	
Language Art	English 2 (Great Writing Book 3): Unit 4: Descriptive essays Unit 7: Classification essays Brief Writer’s Handbook ----- --- English 2 (IELTS Student’s Book): Unit 7, Unit 8, and Unit 9 English 2 (IELTS Workbook): Unit 7, Unit 8, and Unit 9 IELTS Writing Task 2 (at least 250 words) ----- -- IELTS Speaking Test (before the main exam)	Great Writing Book 3: Unit 4 Page nos. : 92 – 110 Unit 7 Page nos.: 166 – 186 Brief Writer’s Handbook Page nos. : 206, 209, 213,214,215,218,219 ----- IELTS Student’s Book Page nos. : 68 – 96 IELTS Workbook Page nos. : 42 – 59

Chemistry	CHAPTER : 3 Reacting Masses and Chemical Equations CHAPTER : 4 Redox Reactions CHAPTER : 5 Energy Changes And Reversible Reactions CHAPTER : 6 The speed of a Reaction CHAPTER : 7 Acids And Alkalis (7.1)	
Physic	Holt McDougal Physics book Chapter 1(Section 2) Chapter 19 (Section 1, 2,3)	
Biology	Chapter 14, 21, 27.1, 27.2, 28, 33	
Social Study	Greek Thinkers Antarctica Oceania Elements of culture Forms of Government The basic economic questions, economics systems, Economic performance (GDP),Trade.	
Farsi	آزمون فارسی و نگارش ، کل کتاب ، 5 نمره بخش اول کتاب (ترم اول) و 15 نمره بخش دوم کتاب (ترم دوم)	
Arabic	درسهایی (۱۶-۲۰) گرامر (ماضی و مضارع)	
Islamic English	Unit D chapter 1 page D2 Unit D chapter 2 page D10 Unit D chapter 3 page D22 Unit E chapter 1 page E2 Unit E chapter 3 page E22 Unit E chapter 5 page E62	
پیام های آسمان	از درس 6 تا پایان کتاب	65 -140
قرآن	از درس 7 تا پایان کتاب	74 – 119